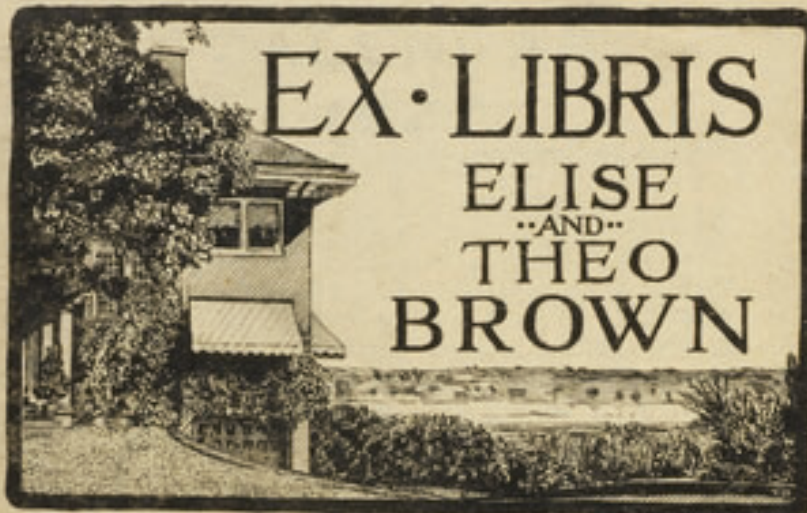


1927





EX·LIBRIS

ELISE
 ..AND..
 THEO
 BROWN

MAY							APRIL							MAR.											
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SEPT. OCT. NOV. DEC.

*Theo Brown
2535 9th Ave*

Moline Ill.

THE
STANDARD
DIARY



Published in U. S. A. by
THE STANDARD DIARY COMPANY
CAMBRIDGE, MASS.

SATURDAY, JAN.

MR. AND MRS. THE
ENTERTAIN ON

Mr and Mrs Th
Sally were, Ma
at a dinner at
home. Guests wa
mother, Mrs M
best Koster, Mr
Koster and famil
port, and Mr and M
vir of New York
Ludwig are guest
Mrs Ludwig's mo
in Koster of Dan

at 5 we



SATURDAY, JAN. 1, 1927

1

**MR. AND MRS. THEO BROWN
ENTERTAIN ON NEW YEAR'S**

Mr and Mrs Theo Brown, 2535 Ninth avenue, Moline, entertained at a dinner at noon today at their home. Guests were Mrs Brown's mother, Mrs Mathilde Koehler, Herbert Koehler, Mr and Mrs Walter Mueller and family all of Davenport, and Mr and Mrs Harold Ludewig of New York. Mr and Mrs Ludewig are guests at the home of Mrs Ludewig's mother, Mrs Mathilde Koehler of Davenport.

at 5 we went over to



*Harry
slides*

*Conrad
etc*

SATURDAY, JAN. 1, 1927

1

3

MR. AND MRS. THEO BROWN
ENTERTAIN ON NEW YEAR'S

Mr and Mrs Theo Brown, 2535 Ninth avenue, Moline, entertained at a dinner at noon today at their home. Guests were Mrs Brown's mother, Mrs Mathilde Koehler, Herbert Koehler, Mr and Mrs Walter Mueller and family all of Davenport, and Mr and Mrs Harold Ludwig of New York. Mr and Mrs Ludwig are guests at the home of Mrs Ludwig's mother, Mrs Mathilde Koehler of Davenport.

At 5 we went over to Harry French's. Harry Evans showed some slides of Alaska trips.

Mischa Elman, Cortot Pouselle, & Miss Cornack on radio.

2

SUNDAY, JAN. 2, 1927

^{Warm.}
Dinner at home alone with
Eliie and two children. We
have a quiet day by ourselves.
Later we went to Davenport.

MONDAY.

Kindly
family of
of photo
to be
had
I will
#SA
to be

MONDAY, JAN. 3, 1927

3

Shandland started as
foreman of experimental dept.
of plow works this morning
I'm sure he will do well.

Had first complaint today
of wheel (steel) on
#5A plow coming loose
on hub.

TUESDAY, JAN. 4, 1927

Ben Kough was operated on
this afternoon for appendicitis.

It was a very sudden case.
Ben went home yesterday
afternoon not feeling well.

He is doing as well
as can be expected -

WEDNESDAY

at the

the cot

to see

Have

Along

of the

State P

interest

How a

shall

we

cetera

to think

to start

to start

this

Harry

The Ed

Koller

Sam

WEDNESDAY, JAN. 5, 1927

5

At the Butterworths all day
on cotton picker meeting.
20 were there including,
Harris, Alexander and
Craun. It was the sense
of the meeting that we
write Berry that we are not
interested in his cotton picker.
It was also felt that we
should arrange to have a
man devote all his time to
cotton picker development; more
to study than to build at least
to start with.

Elise & I went to the
Harry Woods for dinner.
The Ed Mueller, Elison, Mother
Kochler & Herb there also.
Saw movies of Honolulu trip.

THURSDAY, JAN. 6, 1927

Telephoned Healey about going to Evidy. He found that everything was ready so drove to Salsburg 81 miles in Buick. Ross Laughlin bringing it back and took 2:14 train for Perry Oklahoma. ^{Healey & Duffenbaugh} met me at K.C.

Friday continued
We tried Angel flour but ours was ever so much better. In Sudan grass we found hard conditions but work was good. Wheel positions

DOLLARS							CENTS											
1	2	3	4	5	6	07	1	2	3	4	5	10	15	20	25	30	35	40
8	9	10	20	30	40	50	45	55	60	65	70	75	80	85	90	95		

THE PULLMAN COMPANY
PASSENGER'S CASH FARE CHECK.

N 41578
M

CAR	LINE	Amount Collected		Charged Accom.	★
		Pullman Rate	Railroad Surcharge		
Dawford	43	\$ 5	00	Lower Berth No.	9
FROM	Salsburg			Upper Berth No.	
TO	Perry Okla		2 50	Compart- ment	
	R. H. [Signature]	Total	7 50	Drawling Room	
No. Passengers	Date		1927	Seat No.	

The amount charged is The Pullman Company's rate and a surcharge of 50% of that amount collected for the Railroad Company.

PROPERTY TAKEN INTO CAR WILL BE AT OWNER'S RISK.

FRIDAY, JAN. 7, 1927

7

In field with JOHN DEERE
DISC TILLER at Enid Oklahoma.

The tool performed very
creditably. In fact much better
than the Angell plow.



HOTEL OXFORD
ENID, OKLAHOMA
H. G. MANNING
MANAGER

in way on rear wheel hub
to frame connecting
to basket to front ^{bar}
ring to front lever
of scrapers where
to are.

Beavies rear city, as

there will be no danger
of breakage at stop.

(6) $\frac{3}{4}$ " instead of $\frac{5}{8}$ " stock for
draw bar

(7) Hitch bar for 12 disc needs
3 more holes.

THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify
accommodations purchased.

ENID to KANSAS CITY, Mo.

Lower Berth _____ Car _____
Line No. _____ Via _____ R.R. _____

Passenger 1 2
Office 46-13
FORM 7341
3

FRIDAY, JAN. 7, 1927

7

In field with JOHN DEERE
DISC TILLER at Enid Oklahoma.

The tool performed very
creditably. In fact much better
than the Angell plow.

- ① Grease Cup in way on rear wheel hub
- ② Add brace to frame connecting
front axle bracket to front ^{bar} lever
- ③ Add spring to front lever
- ④ Leave off scrapers where
standards are.
- ⑤ Have heavier rear cots, as
there will be no danger
of breakage at stop.
- ⑥ $\frac{3}{4}$ " instead of $\frac{5}{8}$ " stock for
draw bar
- ⑦ Hitch bar for 12 discs needs
3 more holes.

THE PULLMAN COMPANY	
PASSENGER'S CHECK - To identify accommodations purchased.	
ENID to KANSAS CITY, Mo.	
Line No. <u>7</u>	Via <u>39</u> R.R.
Lower Berth	Car
Passengers	1 2
Office	46-13
FORM	37341

SATURDAY, JAN. 8, 1927

Reached Kansas City at 7¹⁰
and went to the house
with Mike Healey. Then
left on 9 Santa Fe changing
at Salerburg and getting home at
7⁴⁵ P.M. A long trip
and so glad to get home.

27
SUNDAY, JAN. 9, 1927

9



us

l

n

and

Sp
Ex.

SUNDAY, JAN. 9, 1927

9

A quiet Sunday at home,
going to church in the
morning. A very restful
sort of a day

Billy had a saw, hammer
and plane for Christmas and
he is starting in to use
tools now. I brought some
pieces of wood from the shop
for him to make into a box.

MONDAY, JAN. 10, 1927

Busy at shop.

My new watch was within
2 seconds for 2 weeks.

In evening, went to lecture
by Rudolph Peuter with
Elis and her mother.

TUESDAY, JAN. 11, 1927

11

Saw Ben Kough for a few
minutes this morning.

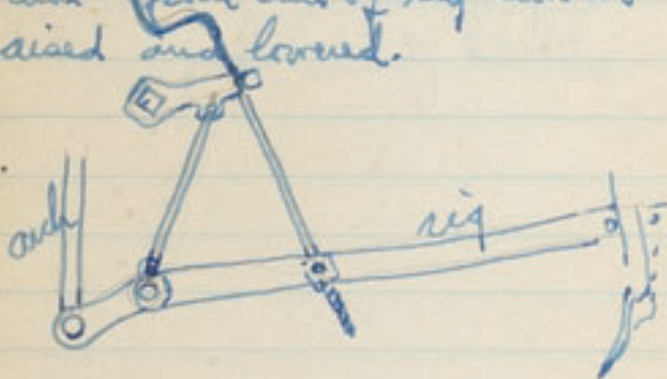
Webster Bohusen Dancing Club
in evening.

It looks as tho' the 10 million
appropriation for the corn loan
would pass congress.

WEDNESDAY, JAN. 12, 1927

- Snow -

Thought of idea of more
lift for front shovels on
all crop tractor by means
of a link between lower ends
of arch and rig couplings so
that front end of rig can be
raised and lowered.



THURSDAY, JAN. 13, 1927

13

It snowed all day. Rather high
drifts to shovel at night.

Saw Ben Kough again today
he is coming along in fine
shape.

C. O. Reed called up and
asked me to come to Chicago.

Saturday for a conference
with F. H. C. & Oliver, about
plowing demonstration.

Cold all day.
 In evening went with Elise
 to a lecture on the Sand Dunes
 at the Hamburgs with Prof
 Waterman officiating.

THE WELLMAN COMPANY
PASSENGER'S CHECK—To identify
 accommodations purchased.
MOLINE to CHICAGO, Ill.

Lower Berth 5 Car 44

Line No. _____ Via _____ R.R. _____

Passengers 1 Office 25-83
 FORM 1 **827**

SATURDAY
 duty at 11
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 Brown. S
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 Paul said the
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 a lot
 left for

SATURDAY, JAN. 15, 1927

15

17° Below zero

Meeting at I.H.C. office present
C.O. Reed, McCuen, Zerle, Graham,
Bacon, Benjamin, Zimmerman.

Cameron & Brown. It was decided
since 95% of farmers in corn belt
infested area will use present equipment
as to plans that our going south for a
demonstration would not be productive
of enough results to justify the trip.

It is arranged to have meeting in Chicago
next Friday & Saturday to determine
with entomologists best practices for
plowing, size of coulters etc. etc.

Took Reed & McCuen to lunch and theater.
Reed said that the 10 million appropriation
would probably be passed within 2
weeks. 1120 tractors & 350 plows
are called for and we should get
a large slice of this. It is
hoped to keep down to I.H.C. & Deere
for equipment. Reed & Worthington
are both strong for us.

Left for home at 5:30 PM

SUNDAY, JAN. 16, 1927

Warmer today
Shovelled snow.

Davenport for dinner

Jan 19 -

Large corn more attractive to birds
than smaller corn planted later.
So corn on fertile land may be
more infested than on sandy land.
One thing may be to plant
late and hurry the corn
along by a complete fertilizer
dropped in each hill.

Unless one is hurried by
fertilizer the yield goes
down with late planting.

Corn so fertilized planted
3 weeks later will dent at
same time as corn 3 weeks earlier
planting.

6. 1927

Health - Examine Jan 20
MONDAY JAN 17, 1927

17

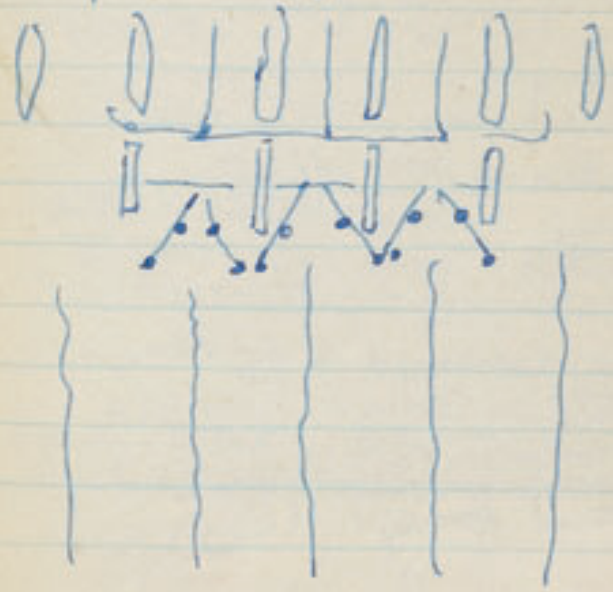
Theodore Brown of Moline, manager of experiments for John Deere & Co., reported the development of a "corn combine" machine designed to harvest the corn and destroy the boiler in one operation. This machine, he said, is now under test at Ohio State University.

Theodore Brown, manager of the experimental department of the John Deere company, Moline, described a special corn "combine" which his company has developed to aid in the corn rozer fight.

TRIBUNE

me this morning
three row horse
with flexible
er of the all-
at. There

is a demand for
such an outfit, that is a
3 row horse draught machine
and it may be that the
flexibility is essential.



We went to see Benker
in evening.

16.1027

Examine Jan 20

MONDAY, JAN. 17, 1927

17

Office Condu

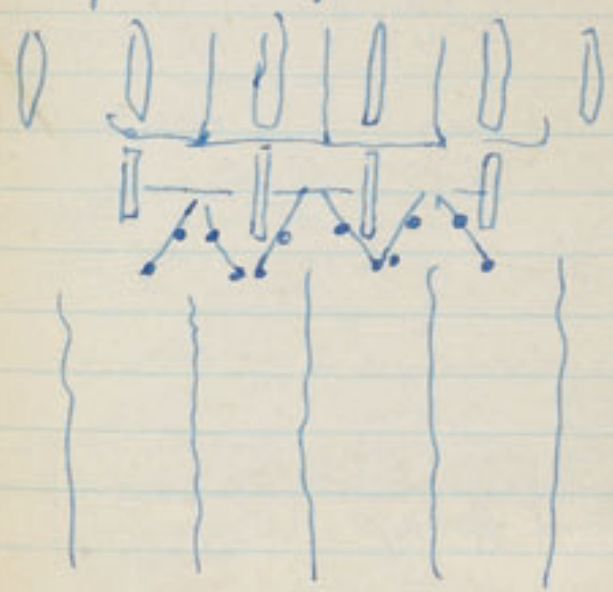
UT John had very
about conduct in the
it was that he never

Advertisement

Professional consideration of
was promised.
Director Hines of the Bureau
a conference with the
that there was an
part of the government

may be
land
plant
can
fertilizer
will
by
led 1906
planting
selected
about it
Swedish

The idea came to me this morning
of having a three row horse
drawn cultivator with flexible
units on the order of the all-
crop 3 row cultivator. There
seems to be a demand for
such an outfit, that is a
3 row horse drawn machine
and it may be that the
flexibility is essential.



We went to see Ben Hur
in evening.

TUESDAY, JAN. 18, 1927

Business looks a little better than it did. We were somewhat concerned about volume for next.

The children love to play games and Billy is very quick at 20 questions. Both trust for information

- Wed -

Corn Board meeting.

22 parasites now found. Average about 1% effective. One parasite is about 74% " 10 foreign species brought in. 5 are now established & may be 30% effective.

Woodpeckers are 95% effective in some areas. Clean cultural methods are effective. Since 1922 due to enforced clean up legislation the borer has decreased to $\frac{1}{10}$ those.

Planting late in Ohio 10 June 10
decrease in population of this species -
June 10 reach peak July 5 and end Aug 1

THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify accommodations purchased.
MOLINE to CHICAGO, Ill.

Lower Berth 6 Car 44

Line No. _____ Via _____ R.R. _____

Passengers 1 Office 25-83
FORM 1 858

THE EUROPEAN CORN BORER

S. A. Forbes, Presiding

Joint Session of all Departments

1:15—The Battle with the Corn Borer

The Corn Borer's Invasion of North America. D. J. Caffrey, Associate Entomologist, in Charge of Research, European corn borer. U. S. Department of Agriculture, Washington, D. C. A special exhibit, showing life stages and injury to the corn crop inflicted by the European corn borer will be on display at the Utility Corn Show, fourth floor, New Agricultural Building, and in the north corridor of the Natural History Building, during the entire Farmers' Week.

The Campaign in Ohio. (Illustrated) R. M. Salter, Chief in Agronomy, Ohio Agricultural Experiment Station

Recess—15 minutes

3:00—Machinery as a Means of Corn Borer Destruction. R. I. Shawl Developing New Implements of Warfare. Theo. Brown, Manager of Experimental Department, John Deere & Co., Moline, Illinois
Moving Pictures of the Corn Borer Battle Front, Courtesy of U. S. Department of Agriculture, Washington, D. C.

*zugle on
ign.
700 or 800
to some*

*all cultivator
be in front
bean rigs with
A. B. sn
ms for centers
3 levers to
there is no flexibility
were put out
lances are coupled
the shafts having
al joint was
motion. It was
have various*

*that depending
on length of row. They said
cross*

THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify accommodations purchased.
CHICAGO to MOLINE, Ill.

Lower Berth *544* Car _____

Passenger *1 2*

Office 25-10
FORM 107 2413

Line No _____ Via _____ R.R. _____

Business looks a
thousand times better. We
what concerned about
rept.

The children
games and Billy
quick at 20.
Both chest for

- Wed -

Corn Board meeting.

22 parasites now
average about 1% eff
parasite is about 74%

species brought in .5 on
established & may be 30
Woodpeckers are 95% of
some areas. Clean cut
are effective. Since 19

enforced clean up legal
board has decreased to

Planting late in Ohio 10
decrease of tentation
June 10 reach peak July 5 and end Aug 5

10:15—Solving the Harvesting Problem with the Combine. I. P. Blausser
The Combine from the Farmers' Viewpoint. William Reigel, Tolono, Illinois,
Member of Soils Advisory Committee
Drying to Improve Value of Crops. E. W. Lehmann
Does it Pay to Hold Corn? L. F. Riekey

Afternoon Session—Held in Auditorium

1:15—The Use of Plant Manures for Soil Improvement. O. H. Sears
New Seed Treatments for Wheat and Corn. B. Koehler
Recess—15 minutes

3:00—Joint Session—Held in Auditorium
Agricultural Surpluses and the Tariff. Henry C. Taylor, Institute for Research
in Land Economics and Public Utilities, Northwestern University, Chicago

6:00—Annual Farmers' Week Banquet—Woman's Building

Held in Auditorium

THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify
accommodations purchased.

MOLINE to CHICAGO, Ill.

Lower Berth 644 Car 44

Line No. _____ Via _____ R.R. _____

Passengers 1 2

Office 25-83

FORM 1 858

WEDNESDAY, JAN. 19, 1927

19

Met Zimmerman & Zuehl on
train going to Champaign.

Saw my talk before 700 or 800
people in the Auditorium.

Saw 4 row Farmall cultivator
Single treaded pipe in front
and short pipe beam rigs with
one and two shovels. In
rear were 3 rig beams for centers
of rows. This made 3 levers to
control all rigs. There is no flexibility.

12 4 row planters were put out
last year. Two planters are coupled
together the rock shafts having
very large universal joint ones
to prevent lost motion. It was
found necessary to have various
spring pressures on ~~the~~ ^{the} depending
on length of row. They said
cross

1:15—The Use of Plant Manures for Soil Improvement. O. H. Sears
3:00—Joint Session—Field in Auditorium
Agricultural Section—Held in Auditorium
Evening Session—Held in Auditorium
Lecture on the Value of Soil Manures. W. W. Lohman
Lecture on the Value of Soil Manures. W. W. Lohman
Lecture on the Value of Soil Manures. W. W. Lohman

THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify
accommodations purchased.
CHICAGO to MOLINE, Ill.
Lower Berth 544 Car 44
Line No. _____ Via _____ R.R. _____
Passenger's Office 25-10
FORM 107 2413

THURSDAY, JAN. 20, 1927

Reached home early.
 3 bottom 16" plow is finished
 Lease bought for Chicago
 again. It makes 3 times
 within a week. too often!

Friday

would have to be scattered to an
 extent. Asked about power
 take off and wants approximate
 price & specification and assurance
 they will drive stubble beater.
 Also that they will fit any tractor we
 may sell them. Wants specifications
 of 16" plow. Reed will go south with
 me to see this plow tried out. Must
 send it south at once. We may be
 the only ones to have 16" gang.

Some tractors will be wanted Feb 25
 Plows about 12 - limited in million
 goes

THE PULLMAN COMPANY
 PASSENGER'S CHECK—To identify
 accommodations purchased.
 MOLINE to CHICAGO, Ill.

Lower
Berth

7 44

Car

Line No.

Via

R.R.

Passengers

1 2

Office 25-83

FORM

1

877

FRIDAY, JAN. 21, 1927

21

Flour meeting at 10 at I.H.C. 14th floor
presided over by C.O. Reed. 25 present
including Zimmerman, Zeckle, Doolittle,
Benjamin Peterson of I.H.C., Bacon & Bedworth
of Oliver. Kopke & ^{Quinn} ~~Donny~~ of Rock Island
Attelhouse of Case T.M. Cameron & J.
Caffrey of Entomology, Aikenhead,
Kusselman & Widanko of Colleges.
Smith Farm Bureau etc. We went
over carefully adjustments etc. for flour
such as litch accessories etc. The
government is to publish a bulletin
on this. Had Worthley, Reed

Caffrey, Selvon and Cameron for dinner
Worthley said he just came from
Washington and 10 million was
awaiting committee in Senate which is
now busy on Farm Relief. Expects
however that senate will soon pass
measure. He said he hoped soon
to be able to reciprocate the favors
we have shown him and give us
some big orders. He said orders

SATURDAY, JAN. 22, 1927

Meeting until 2 P.M.

I promised to have Deere & Co take pictures under Silvers direction of adjustments for plows. Mr Perkins said we can get a stubble beater and we should get one from them to be sent to Waterloo. Also we will have to prepare advertising matter as to what to recommend for new equipment in corn lover infested territory. Weed rods are not considered and action might be taken to leave them off.

We should try making corn stalks so as to find what we have best suited to the purpose. Oliver have been aggressive in lectures etc.

We must get our plow (16") south as soon as we can. And have Reed down to see it. Left for home at 3:30.

1927

SUNDAY, JAN. 23, 1927

23

A quiet Sunday at home
alone. Church in morning and
a little skating in afternoon
with Elsie and the children.

Elsie Jr. does pretty well but
Billy has the art yet to learn.

24

MONDAY, JAN. 24, 1927

Very busy at shop all day

TUESDAY

Went to
Spence
to see
my
Jan
Walter
No. 1

My
will do
with

1927

TUESDAY, JAN. 25, 1927

25

Directors Meeting.

I presented the matter of
the canyoneer.

Meeting lasted all day.

Last year was the most
prosperous year that Deer
& Co ever had.

McCray thinks the all-hill
will develop into a real
outfit.

WEDNESDAY, JAN. 26, 1927

Silver suggested hobbling
lower ends of rig arches together
to keep even spacing of rows.
The outer arches have to be suspended
as on regular two row N.D.
cultivators.

Mr. Koehler spent the night
with us.

THURSDAY

Built a
like
describe
the ac
in equ
it loo

1927

THURSDAY, JAN. 27, 1927

27

Built an arch construction
like that shown or
described yesterday where
the arches are always kept
an equal distance apart.
It looks good.

FRIDAY, JAN. 28, 1927

Started work on scheme shown
last Aug. for swinging the centers
of castor wheels in when
ribs are down on all legs and
out when ribs are raised to allow
for a full caster.

Wonderful castor
Grand Opera from Chicago
J. T. Trower

227
SATURDAY, JAN. 29, 1927

29

Cameron leaves tonight
for Hooker Okla. to try out
3 bottom tractor plow for
our own use.

In afternoon 2 Elsie & I
went to Helen Stoes.

She started a portrait of
Elsie Jr. It is working out
finely. It seemed in-
credible that she could do
so much in two hours.

She is going to give it to
us. It certainly is wonder-
fully good of her.

Coblidge and Lord
on budget on radio.

SUNDAY, JAN. 30, 1927

We did not go to church
this morning. Mother Kochler
Herb and all the Sles here
for dinner.

In afternoon went up
to Helen Stone and she
worked 2 hrs on Elsie's portrait
We all think it is splendid
She is going to do a little more
on the background by herself
otherwise it is finished.

MONDAY

Confess
with
Held
in the
It is
waffle
Held
to be
field.
Vague
to try
All
Fib

1927

MONDAY, JAN. 31, 1927

31

Conference lasting nearly all day with Winian, Silloway, McLean, Hedd, Skloosky, McKakin & White on the All Crop tractor.

It is decided to build 25 outfits complete for this spring's use. It will mean training 12 men to look out for these outfits in the field. To start them etc.

Agreed to build a 5 row cutter to try out at Mercedes.

All plan to be at Mercedes Feb 21 -



Bought
Easy Wacker
\$175 - 85
\$160
old
wacker

TUESDAY, FEB. 1, 1927

Rushing on work for
all Crop cultivator changes:
5 row cultivator, Roller bearing
spindle bearings for wheel outriggers,
evening row spacing etc.



WEDNES

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paid
\$3
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the
the

1. 1927

WEDNESDAY, FEB. 2, 1927

33

Letter from mother saying that she and father had left Amy's and gone back to the farm as Mr Quincy had made a tentative offer for the 110 acres on the south side of Lincoln St. The price \$60,000 giving a mortgage and as land is sold paying an agreed amt on each lot to uncle Will. Interest payable quarterly on mortgage at 6% \$3600 in cash to be pd at once and the \$10,000 sewer assessment to be assumed by Mr Quincy. We all hope this sale will materialize.

The Louie's came in in evening

THURSDAY, FEB. 3, 1927

Billy is fast learning to
read and he has a fine time.
He took out his first
library book today

3. 1927

FRIDAY, FEB. 4, 1927

35

5 Row cultivator frame
nearly complete

Wired Ted Johnson to
try all crop as a two
row cultivator by leaving off
one outrigger and counter-
balancing for steering.

Dinner at the Hugel Canteen
12 there. Kings, Belkaps,
Alice Soper, Mrs. Lemmon, Ship Smith
Leon Mitchell Elias & I
We had a delightful time.

SATURDAY, FEB. 5, 1927

Shipped cultivated parts to
Ted Johnson today.

SUN

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"Teddy"
works
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put on
in cup
and to
good

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is all

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SUNDAY, FEB. 6, 1927

37

Received following wire from Ted Johnson at Mercedes Texas.
"Took off right hand outrigger, cultivator works good, as two row not much difference in steering of tractor put one and a quarter pound weight on right hand side of steering wheel and it works splendid. Makes a good two row cultivator."

This is good news.

Also wire from Cameron saying conditions were favorable for plowing in Oklahoma City and he would plow today.

We went to church in morning and then to mother Kochler's for dinner. The whole family was present. In afternoon walked down town with daughter Elsie. She is good company.

MONDAY, FEB. 7, 1927

Talked with Cameron at Oklahoma City
says that plowing conditions are good.
talked with McKeen at Columbus.

He leaves tonight for Chicago & I
will join him tomorrow at Salesburg
Received this wire

Have you completed and tested
power take off for stubble beater
wire immediately Hotel Harrington
Washington C.O. Reed.

answered as follows.

We have thoroughly tested and
tried out our new power take off
find it has plenty of power to
drive stubble beater having
equal if not more capacity
than the International fifteen
thirty power take off. We
have International stubble beater
and find no difficulty in
attaching to our tractor we are
making field tests with stubble
beater this week

Thos. Brown.

TUESDAY, FEB. 8, 1927

39

Met McKeen at 2:19 at Galesburg
leaving home at 11. Max says that
he thinks all tractors will be power
take off. Says they are trying to turn
to Deere & IHC there may be a few
Hart Paris. Says Timken in front
wheels were specified. He will give
us an inkling of what is doing
as soon as he can.

Telephone number 3148 Station 235

We should leave Waterloo photograph
J. D. tractor with stubble beater and
send to Reed & McKeen.

THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify
accommodations purchased. The
amount charged is The Pullman
Company's rate and a SURCHARGE
OF 50% OF THAT AMOUNT REQUIRED
BY AND COLLECTED AS AGENT FOR
THE RAILROAD COMPANY, AS SHOWN
ON THE TICKET.

GALESBURG, ILL.

To

Accom-
modation

Car

Line No.

Via

R.R.

Property taken into car will be
entirely at owner's risk.

1838

Office 25-64

Form 100-5

Passengers
1 2 3

WEDNESDAY, FEB. 9, 1927

Reached Oklahoma
 met Cameron, Wiles
 Krebs. It abated.
 disinguable but we
 field 18 miles and
 The plow did credit
 Both as 2 and as three bottom
 B.W. McCuen said the plow
 did much better than he thought
 was possible. In a mile of
 travel he counted 53 corn stalks
 not covered, We covered 31600 ^{2 1/2 tax bill} making
 .17 % uncovered. ^{Most of this} is good.
 We should furnish wire & clip
 with plow. Also Mac. said he
 would write me personally as soon as
 he had any information about
 orders.



THE HUCKINS HOTEL
 OKLAHOMA CITY

THE PULLMAN COMPANY		Office 46-66	FORM 9 8240
PASSENGER'S CHECK—To identify accommodations purchased.			
Oklahoma City to Kansas City, Mo.			
Lower	8	Passenger 1	2
Berth	181		
Line No.	at	Via	R.R.

WEDNESDAY, FEB. 9, 1927

Reached Oklahoma City at 8 -
met Cameron, Williams, Fisher &
Krebs. It abated and was very
disagreeable but we went out to the
field 18 miles and plowed!

The plow did creditable work.
Both as 2 and as three bottom
B.W. McCuen said the plow
did much better than he thought
was possible. In a mile of
travel he counted 53 corn stalks
not covered, we covered 31600 ^{2 1/2 to a hill} making
.17 % uncovered. ^{Most of this} is good.

We should furnish wire & clip
with plow. Alas Mac. said he
would write me personally as soon as
he had any information about
orders.

THE PULLMAN COMPANY		Office 46-66	
PASSENGER'S CHECK—To identify accommodations purchased.			
Oklahoma City to Kansas City, Mo.			
Lower	8	181	Passenger 1
Berth			
Line No.	at		FORM 9 8240

THURSDAY, FEB. 10, 1927

41

THE CORN BORER BILL A LAW.

Coolidge Signs Measure Appropriating
10 Million for War on Pest.

(By the Associated Press.)

WASHINGTON, Feb. 9.—President Coolidge signed today the bill authorizing the appropriation of 10 million dollars for eradication of the European corn borer.

On train all day reaching
home at 7:50 P. M.

McCuen is much interested
in further developments of corn
combine.

FRIDAY, FEB. 11, 1927

Found that the caster wheel and support for throwing the caster wheel away from the rig when rigs are raised so as to permit casting of the wheel and then in away from row when culturing is finished. Sent it by express to Fred Johnson to try out as soon as possible.

Dinner & bridge at
the Aida Mitchell's

1927

SATURDAY, FEB. 12, 1927

43

Wais from Reed asking
information about plowing
and saying specifications were on
the way for bidding on
360 16" 3 bottom tractor
plows.

SUNDAY, FEB. 13, 1927

We went to the Anting
Club as guests of Oty & Mal.
Later we took ~~Ernst~~ Koehler
and Oty over to the Jones to
see the portrait of Elial.

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MONDAY, FEB. 14, 1927

45

Specifications for follows (360)
and 600 two cylinder tractors
received today.

Deliveries on tractors to begin
March 1st.

Found that I.H.C. simply
received specifications for 600
2 cylinder tractors and not the
600 4 cylinder ones. They were
excited and started to give
tractors to the Government rather than
let us have any. They bid \$1250
less 50%. Then when they
found that 600 more 4 cylinder
ones were wanted they were much
ashamed worried and did not know
what to do. If they had listened
to Zimmerman this would not have
happened. Frank went to
Chicago at noon.

Webster Bohusson

Dancing in evening.

TUESDAY, FEB. 15, 1927

Submitted bids for 360
16" plows of \$12375 F.O.B.
Toledo, Ohio.

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WEDNESDAY, FEB. 16, 1927 47

Learned today that Henry Ford had objected to the specifications on tractors and that a meeting was held in office of secretary of agriculture at 2nd today.

I talked with B.W. McClure in Washington this evening. He said he thought that the Secretary of Agriculture was convinced that the Fordson would not fit in the program. Also said bids would be opened today on tractors.

Received from Kate & Roger today an iron cherry tree that is most effective and remarkable.

THURSDAY, FEB. 17, 1927

Talked with S.W. McCuen in
Washington again this afternoon.

He said our bid on two cylinder
tractors was low. That probably the
IHC bid would not be considered
on the 2 cylinder job as theirs is
a 4 cylinder.

Also said Vulcan, B.F. Avery
had bid one of them \$78.
La Cosa bid on 50 plows.
Our bid was \$12375. Will
know more tomorrow.

Neither Kehler left for the
south tonight.

FRIDAY, FEB. 18, 1927

49

Talked with McCuen in Washington twice. He said in regard to flour order that now all bids had been eliminated except one lower than ours. They were to call for a demonstration of this flour within the next week. If this could not be made or if it was not satisfactory then we probably will get the order. Our factory we are low on 2 cylinder bids but there seems to be a gain and tomorrow something more definite may be known.

SATURDAY, FEB. 19, 1927

Heard from McCuen in
Washington. He could not
say much as he was in hotel
with. Said things were
coming but could not say more
did not think it wise any for
any one to go to Washington
until hearing from him.
He promised to keep us
posted

The Charlie Jones were here
for dinner this evening.

1927

SUNDAY, FEB. 20, 1927

51

Spring weather.

McCuen telephoned from Columbus at noon that he thought we should go to Washington at once. The fact that IHC are \$2.00 under us on two cylinder bid offering their 4 cylinder instead has made it difficult and Max said Silloway I ought to go to be in Washington Tuesday.

20 word night letter from Ted at Mercedes saying 5 row cultivator looked good and seemed to act well in the field wants some truggass.

Left for Washington with Frank Silloway.

Modren said to see Ashley & Dunlap
A. Wood

THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify accommodations purchased.
MOLINE to CHICAGO, Ill.

Lower Berth 9 Car 44
Line No. Via 9 Passengers 2 Office 25-83 FORM 1 1082

52

MONDAY, FEB. 21, 1927

Called on Mr W.O. Green

Reached Chicago early. Frank Silberry saw I.H.C. Jones said that they had called Ashley on the phone. Ashley is purchasing man for the department of agriculture. He said that this morning a decision had been reached to give IHC 520 tractors and John Deere 520 ". We think however we should go to Washington and find this out for ourselves. State legislation must be passed before final purchase can be completed. It is rather a nerve racking time. We left for Washington at 1 P.M. on the B & O.

THE PULLMAN COMPANY		Office 25-31	
PASSENGER'S CHECK—To identify accommodations purchased.			
CHICAGO to WASHINGTON, D. C.			
Lower	266		
Berth	Car	1	2
Line No.	Via	R.R.	FORM 41
			3381

1927

TUESDAY, FEB. 22, 1927

53

Reached Washington at 9 A.M.
Staying at the Mayflower hotel.
We took a car to Mt. Vernon, Virginia
about 17 miles and went all over
the home of George Washington.
Because of his birthday no business

THE CAPITOL LIMITED



Mt. Vernon
rooms are just as
back there

at 4 P.M. went
to see Coolidge

addressed the joint session this noon

waiting at the
we went into
Senate and
he was very
happy.
worth.



The Mayflower
Washington, D. C.

When reached
They took us

to our rooms in room three Rock Creek
Park. Then a wonderful dinner at
the Mayflower. Oysters Terrapin and
Maryland. Hot house asparagus.
souffle potatoes. Strawberry Ice
Cream and Crushed Strawberry
served in a nice boat with electric
light inside.
Greenwich Village Polka later

(Talked to mother on phone. She is with Kate)

1927
TUESDAY, FEB. 22, 1927

53

Reached Washington at 9 A.M.
staying at the Mayflower hotel.
We took a car to Mt Vernon, Virginia
about 17 miles and went all over
the home of George Washington.
Because of his birthday no business
is done today. Mt Vernon
is most impressive. The rooms are just as
they were then. Came back then

Arlington cemetery. In P.M. went
thru the Capitol Building. Coolidge
addressed the joint session this noon
and we saw his car waiting at the
Capitol. In afternoon we went into
the gallery of both Senate and
House. The Senate was very
quiet but the house lively.
Saw Nicholas Longworth.

Charlie & Patsy Winman reached
Washington at 5. They took us
to Fort Myer & then thru Rock Creek
Park. Then a wonderful dinner at
the Mayflower. Oysters, Terrapin, a la
Maryland. Hot house asparagus.
souffle potatoes. Strawberry Ice
Cream and crushed strawberries
served in a nice boat with cherries
right inside
Greenwich Village Polka later

(Talked to mother on phone, she is with Kate)

Went into National Museum &

54

WEDNESDAY, FEB. 23, 1927

Smithsonian Institution

At 9:30 met Alex MacRae & McCrowie
at Dept. of Agriculture.

They said

1. That they had decided to give
Reese & Co 540 tractors. This unless
some power higher up prevented.
2. That unless state legislation is passed
this week the whole program may
have to be given up till fall as
there would not be time for the
necessary educational work.
3. That Ford came down with high powered
salesmen. His price was within a few
dollars of that of IHC 15-30. They are
all against Ford.
4. That Vulcan was low bidder on plows
and they will decide very soon as to
suitability of Vulcan. They doubt it.
5. We stand high with Dept.
6. Met Dr. Lavinia of Entomology Dept.
he is for so.
7. They are all interested in combine.
8. Last specifications for single
bottom plow mostly for Oliver's.
9. We should bid and state what
del.

THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify
accommodations purchased.

WASHINGTON to CHICAGO, Ill.

Lower

Berth

8 55

Car

Line No.

Via

R.R.

1 2

Office 11-1

FORM 27

8139

1927

THURSDAY, FEB. 24, 1927

55

Reached Chicago at 9 and home at 2. Elise meeting me at the station.

Yesterday I explained to Mr. Ashley, Mr. Cory & Dr. Larrimer something of the new idea of Leonard Neighbors of an arrangement of saws for the corn picker to work as a combine to shred all stalks of corn even with the ground.

Found that in Texas some of our new roller bearings for disc plows had broken.

FRIDAY, FEB. 25, 1927

Strong bought \$3.66 for six fawns
had 4 coat and plan
to take 1 with me tomorrow
to Mercedes.

We got the portrait of
Elise tonight from the
Stores. We are delighted
with it. Later we went
to the Hamster Works
where a big celebration
was taking place. Service
puns were distributed and
the 4th floor of building
dedicated.

1927

SATURDAY, FEB. 26, 1927

57

I started to leave

today
over
the
City
train



McCuen
is
aid
the
bed
med
state

1 2 3
235

Office
Line No. _____ Via NY N. R.
Property taken into car will be
entirely at owner's risk.

be done. We set the pans on
the marble and went in the
other room to wait for it to cool.
In about ten minutes we went
in and made the frosting. We
are going to have it for
dinner today.

Last night as I was looking
out the window. The sky was
all red. There was a very
big fire. It was the barn off
the orphan home. We could
see it very plainly.

We miss you terrible much
when you are gone, but I
hope you will come home
soon. Lots of love and kisses

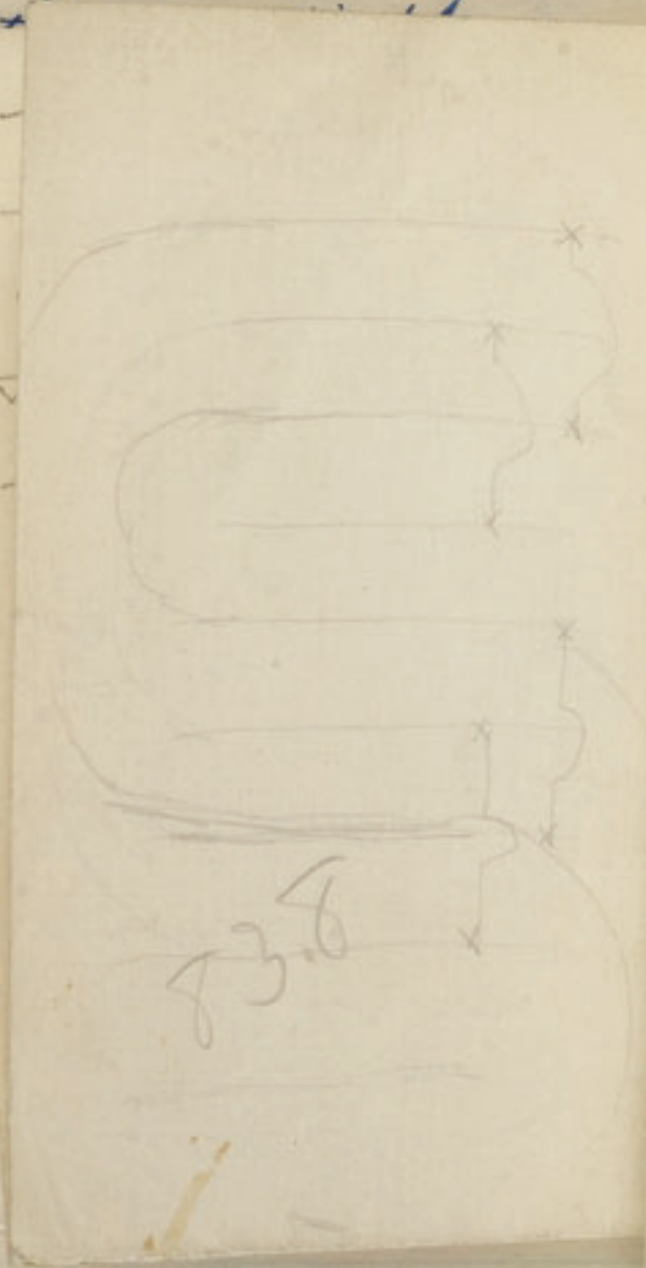
Your sweetheart

Clive

SATURDAY, FEB. 26, 1927

FRIDAY, FEB. 25, 1927

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 since 25-64
 Line No.
 Property

5 1927

SATURDAY, FEB. 26, 1927

57

I hated to leave home today
Left at eleven and drove
to Galesburg to catch the
2:19 Santa Fe to Kansas City.
Met Hornbough on the train.

In morning called G.W. McCuen
on the phone at Columbus.
He said he was was afraid
we had lost the 365 contract
flow order as Vulcan bid
\$7800 and their flow seemed
to fulfill specifications.
Also that Ohio would pass state
legislation at once

Form 100-1

THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.

KANSAS CITY, MO.

Office 25-64

From San Antonio

Accommodations 11 Car 3

Line No. _____ Via mkv R.

Property taken into car will be entirely at owner's risk.

235

SUNDAY, FEB. 27, 1927

On train all day thru Texas.
 Met Head and Harris as
 they got on the train at Dallas.
 Reached San Antonio at 9:35 P.M.
 and left at 10:15 P.M. for Mercedes

FORM 1000-A	THE PULLMAN COMPANY	2790
AMT 45.38	<p>PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.</p> <p>SAN ANTONIO to HARLINGEN</p> <p>Account modifications <i>L3 7/13</i></p> <p>Line No. Via R.R.</p> <p>Property taken into car will be entirely at owner's risk</p>	No. Persons 123

7. 1927

The
is in
at John
1927
John



Portrait
of a young
woman
with
dark
hair
and
a
white
dress.
But
side.

John
H. B. McCallin

Harold White, Allen Head, Harris,
Hornburgh, and Roy Williams? I.

Corn is very advanced,

Hornburgh is hard to sell
on the three row idea.

Everyone else believes it is
right.

The Mexicans here live in
chatch houses. They look like
the pictures of the Philippine
huts.

0 6 2 3 0
1 2 3 4 5 6 7 8 9 0
1 2 3 4 5 6 7 8 9 0

MONDAY, FEB. 28, 1927

59

In field all day with Powerbeam tractor. I describe it as cultivator. 2 hrs in P.M. and the Farmall 2 hrs. Our tractor rides hard the shanks slip. Spring traps do not seem quite strong enough. Farmall steel is hard for me as the wheel tends to get away. But the tractor seems easier to ride.

There are here

McLean, Hackett, Ted Johnson, Ben Kough, John M. Kahin, H.B. M. Kahin, Harold White, Allen Head, Harris, Hornburgh, and Roy Williams & J.

Com is very advanced.

Hornburgh is hard to sell on the three row idea.

Everyone else believes it is right.

The Mexicans here live in thatch houses. They look like the pictures of the Philippine huts.

TUESDAY, MAR. 1, 1927

A long day from 7 to 7³⁰ in the field.

Spent considerable time on the planter driving & planting. It seems to work very well.

A clutch on P small sprung out and requires rod on the tractor with planter broke.

Plowed and used 3 row middle break. Has Turner Disc Harrow.

It rained in morning but not enough to interfere with our work.

1, 1927

WEDNESDAY, MAR. 2, 1927

61

In field all day.



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Nearly all parts of cultivator must be stronger.

A long day from 7 to 7:30 in the field.

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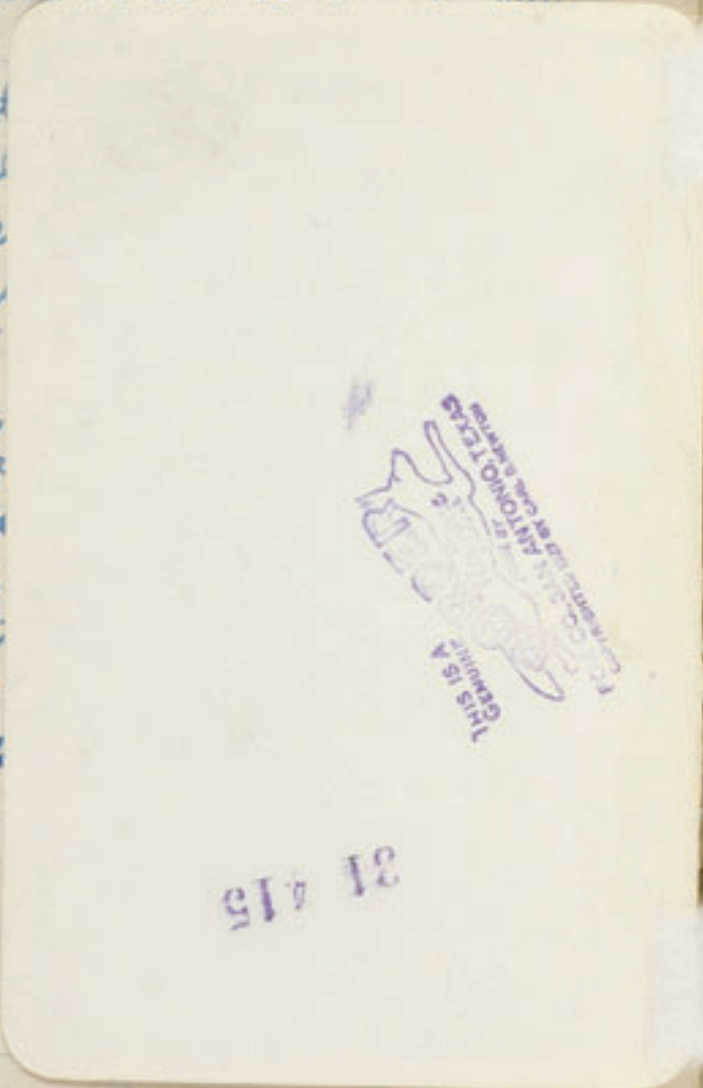
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THIS IS A
GRANT
OFFICE OF THE
COUNTY CLERK
SAN ANTONIO, TEXAS

31 415

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1, 1927
WEDNESDAY, MAR. 2, 1927

61

In field all day.
Today was a cultivator day.
We had the Farnall and
both John Deere cultivators
again. Hornbough said that
he never thought that corn
could be cultivated with a tractor
but now he thinks it can be
be and much faster. However
he is not yet convinced that
the three row idea is right.
He now says the blind middle
row will not do. It seems
of utmost importance that I
stay here until the cultivator
matter can be decided, so
I wired Elsie that I will
have to stay a few days
longer. Had letter from
2 Elsie & Billy.

Nearly all parts of cultivator
must be stronger.

THURSDAY, MAR. 3, 1927

Charlie Weiman arrived today.

All day on cultivators with Hornbush.

1. We must be able to spread shovels wide
2. More lift front shovels
3. Bring outrigger front down 3"
4. Plain beam in center wheel ^{depth front}
5. Thrust beam in sleeve ^{ball} ^{front} ^{wheel of tractor}
6. Enclosed power lift
7. Pipe beam in universal like Farmal
8. Heavy spg. trip capable of returning
9. Heavy shank clamp ^{when in ground}
10. Possible boiler plate construction
11. Two point hitch on axle
12. Straight front pipe if possible
13. Possible tube member instead of arch
14. New shovels to throw less dirt
15. Heavy spool block
16. Use steel instead of wood when possible
17. Up & down adjustment of arches desirable
18. Better shields & shield adjustment
19. Stiffer shield arms
20. $\frac{3}{16}$ holes for $\frac{1}{2}$ inch
21. Heavy teeth whenever desirable.
22. Whole outfit must be strong &

3. 1927

FRIDAY, MAR. 4, 1927

63

On making goose neck on rig pipe for
 center rigs use $1\frac{3}{8}$ " pipe and insert
 a round steel bar to keep pipe
 from buckling when landing
 (2) Make down trail like 142 but 17



pipes
 with

THURSDAY, MAR. 3, 1927

Charlie Weiman arrived today.

All day on cultivators with Homburg

1. We must be able to spread shovels wide
2. Move left front shovels
3. Bring
4. Plain
5. Thrust
6. Ends
7. Pipe
8. Heavy
9. Heavy
10. Possible
11. Two
12. Straight
13. Possible
14. New
15. Heavy
16. Up
17. Up
18. Better
19. Stiffer
20. $\frac{3}{4}$
21. Heavy
22. Whole outfit must be carried

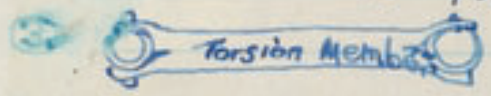
THIS IS A
GENUINE
RECORD COPY
MADE BY
F. C. CO. SAN ANTONIO, TEXAS
CURRENTS AND BY CASH SERVICE

31 415

3. 1927

On making goose neck on rig pipe for center rig use $1\frac{3}{8}$ " pipe and insert a round steel bar to keep pipe from buckling when loading.

(1) Make spring trip like 174, but of ~~light~~ construction. $1\frac{3}{8}$ " shank



(4) Steel clutch in gear case
See Deere & Mansur layout.

(5) On clamps for shanks and pipes have 2 bolts on each clamp

(6) Try for steel shovel clamp with $\frac{5}{8}$ " bolt.

SATURDAY, MAR. 5, 1927

Tried the 5 row cultivator today. Using the high guide bands it seems to guide pretty well.

To get more dodge to the front shovels we moved them out in front of the front wheels.

That is we did ~~one~~ one set of rigs.

It seemed very noticeable that this helped materially. Hombough is convinced that the blind center row will never get by. I may be wrong but I can't help feeling that it should be possible to do cultivating satisfactorily and know what is going on. This is a hard trip -

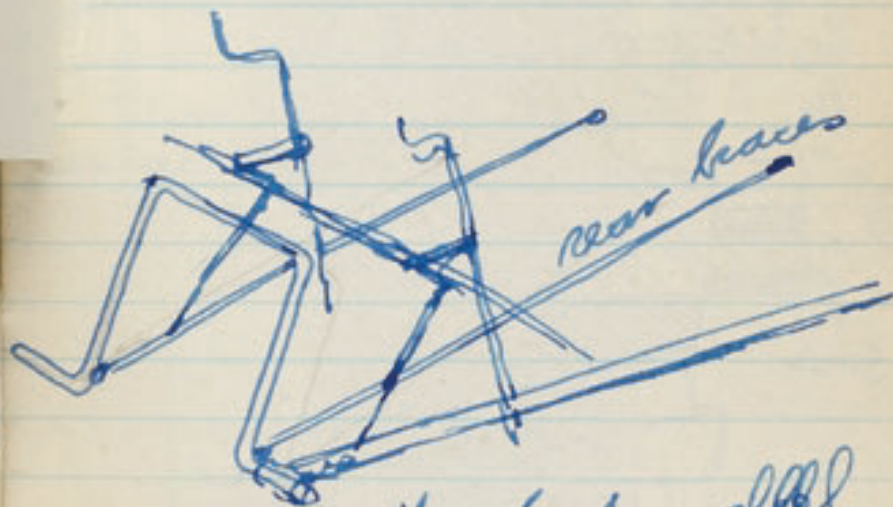
We will probably need parallel lift on rigs on account of striking front axle and radius rods. Hope to try this further Monday.

2.5.1927

SUNDAY, MAR. 6, 1927

65

In afternoon went to Englemans
 where 12000 acres are being
 removed from mesquite and
 being being planted with citrus
 trees. In some cases the
 orchards are a mile long.
 Later in day we went to
 Matamoros, Mexico.



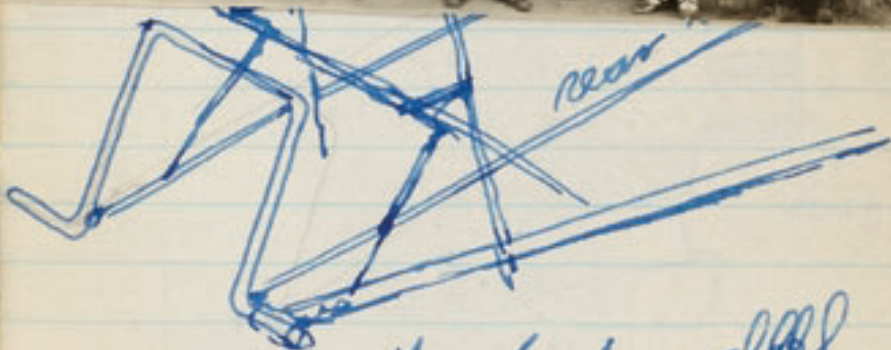
idea for parallel
 lift of Power Tamer cult
 The arch raises pivoted
 on rear bases.

5. 1927

SUNDAY, MAR. 6, 1927

65

In afternoon went to Englemans
where 12000 acres are being
recovered from mesquite and
being planted with citrus
trees. In some cases the



idea for parallel
lift of Power Farmer cult
The arch raises pivoted
on rear bases.

MONDAY, MAR. 7, 1927

Tried out rigs moved further ahead that is the front shovels! It helps but the front gauge wheels must be carried ahead to keep the front shovels from digging in. We are trying moving them 20".

This will give more dodge.

We can get stability.

We probably need parallel lift. The front shovel should be ahead of front wheels and 2nd shovels as close to rear wheels as may be. Possibly 2nd shovel could go behind rear wheel



MAR. 7. 1927

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of fruit
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L. see
hills in
d. shape
behind
across*

TUESDAY MAR 8 1927

67

IN THE CENTER OF THE LOWER RIO GRANDE VALLEY



MERCEDES HOTEL,

MERCEDES, TEXAS.

*pen
vel
wheel
plants*

TUESDAY, MAR. 8, 1927

67

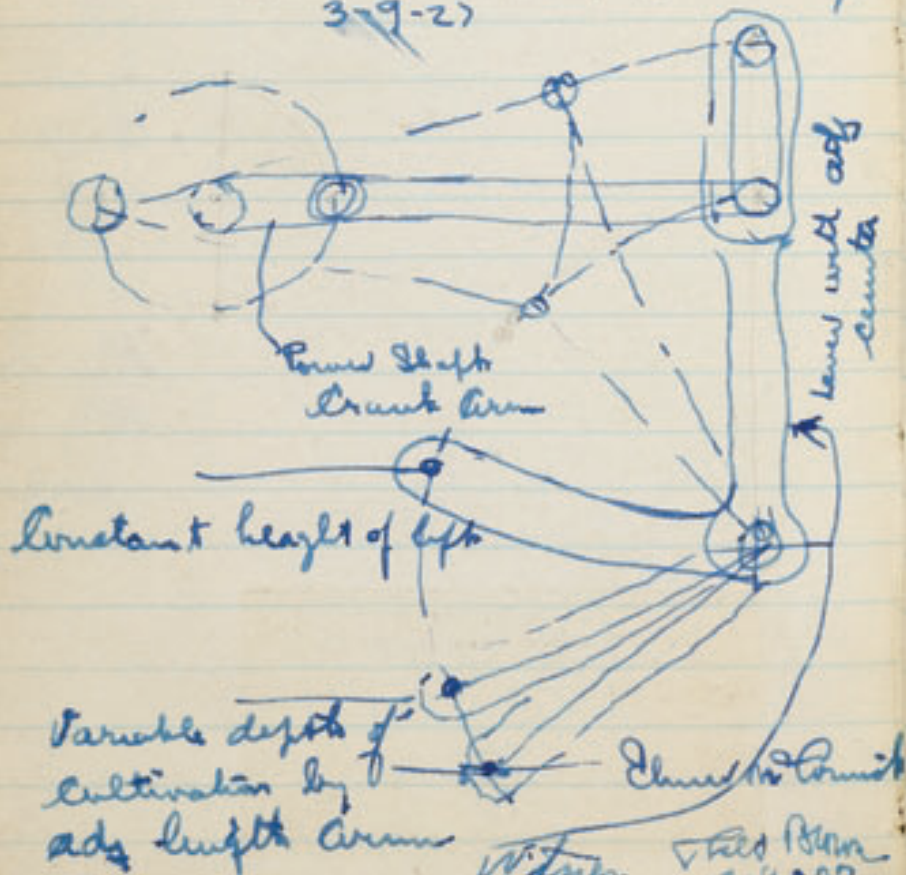
Think we have found proper
position of wheels (outigger)
and position of front shovel
(points 15" ahead of front wheel
center)

Cultivated with 5 row planter
and it does pretty well.

WEDNESDAY, MAR. 9, 1927

The power left racker left
clutch on the power separator
should be operated by wire doffing
button, thru a spring operated
lever, the trigger of which is released
by the doffing button, raising the
clutch roller & then dropping it
so that when wire is doffed ^{the power is} ~~the power is~~ ^{transmitted}
Witness Thos Brown

3-9-27

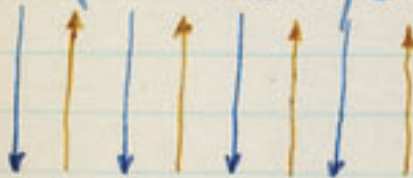


THURSDAY, MAR. 10, 1927

69

Left last night
 was finished
 yesterday to
 cultivator and
 device for parallel lift.
 Melomich worked out the device
 shown on opposite page for equal
 lift of rig for different depths
 of cultivation.

We tried planting corn with
 leaving off the center row and
 planting two rows. We succeeded
 in planting with a good cross
 check. A trip across and back
 completes the cycle.



THE PULLMAN COMPANY
 PASSENGER'S CHECK—To identify
 accommodations purchased.
 Harlingen to San Antonio, Tex.

Upper Berth H 27

Line No. _____ Via _____ R.R. _____

Office 45-92
 FORM 2 2364

THE PULLMAN COMPANY
 PASSENGER'S CHECK—To identify
 accommodations purchased.
 SAN ANTONIO to KANSAS CITY, Mo.

Lower Berth 53

Line No. _____ Via _____ R.R. _____

Office 45-34
 FORM 7 4471

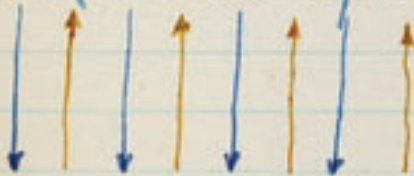
THURSDAY, MAR. 10, 1927

69

Left last night as the work
was finished, devoted all day
yesterday to specifications
cultivator and studying out
device for parallel lift.

McLouch worked out the device
shown on opposite page for equal
lift of rigs for different depths
of cultivation.

We tried planting corn with
leaving off the center row and
planting two rows. We succeeded
in planting with a good cross
check. A trip across and back
completes the cycle.



THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify
accommodations purchased.
SAN ANTONIO to KANSAS CITY, Mo.

Lever _____
Berth _____ Car 3

Line No. _____ Via _____ R.R. _____

Passengers 1 2

UNION 45-34
FORM 7
4471

COAST
LINES
MAR 27 1927

FRIDAY, MAR. 11, 1927

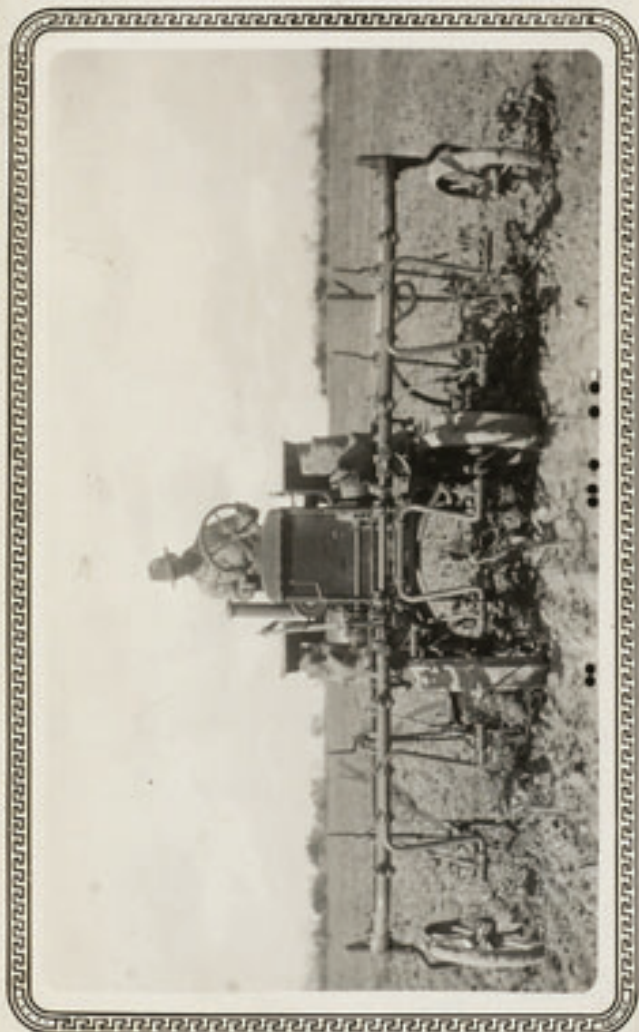
On train all day from
San Antonio to Kansas City and
to Salsburg. Reached home at
7 P.M.

MAR. 11. 1927

SATURDAY, MAR. 12, 1927

71

Found wire from Reed in Washington
asking information of tractors
It now looks as tho we would have
an order for 400 tractors.



MAR. 11, 1927

SATURDAY, MAR. 12, 1927

71

73

day from
K...
Reached home

Found wire from Reed in Washington
asking information of tractors
now looks as tho we would have
order for 400 tractors.

water
ch
file
from
ft.

917

SUNDAY, MAR. 13. 1927

A ~~lot~~ daughter Dorothy Ann
weighing 7 lbs 7⁰³ was born
to Eda and Walter Mueller at
12¹⁵ this noon.

Church this morning.
Herbert over for dinner.

1

13. 1927

MONDAY, MAR. 14, 1927

73

Started layout for ~~the~~ cultivator

The model finished which demonstrates the principle of having regular or intermittent motion from the power take off shaft.



TUESDAY, MAR. 15, 1927

Wire this morning saying we
 are awarded contract for 440 tractors
 for corn boer work. This
 is the result of work that
 Deere & Co have done to help
 out this work with the Government
 this last year. It is a relief
 to have this order safely in.
 I have been active in this
 for some time past.

done over and above their normal farming operations at a rate not to exceed \$2 per acre for field corn and \$1 for seed corn.

The first step in the campaign will be to notify farmers of the measures to be taken and it is expected that before May 1, when inspections of all farms in the infested areas will be undertaken, that many farms will have been voluntarily cleaned up. Where the cleanup is made by state or federal authorities, the cost will be charged to the owners.

Among the successful bidders for contract to supply the department of agriculture with equipment for the campaign are the International Harvester company of Chicago and Deere & Co. of Moline, Ill. The International Harvester company, it was announced today, will furnish 800 stubble beaters and 440 tractors at an aggregate cost of \$385,294.30 and Deere & Co. will furnish 440 tractors for \$281,922.

WEDNESDAY, MAR. 16, 1927

75

72° A wonderfully beautiful day. Busy on lay out of revised cultivator. It is difficult designing

Washington, D. C., March 15.—[Special.]—Five states—New York, Pennsylvania, Ohio, Michigan and Indiana—are coöperating with the department of agriculture in the \$10,000,000 campaign begun yesterday to delay the spread of the European corn borer into the corn belt, it was announced today.

The area now infested comprising about 60,000,000 acres, is largely within these five states, where the federal appropriation will be used to compensate farmers for expenditures in connection with the sweeping farm cleanup campaign.

To prevent the spread of the borer into Illinois, Iowa and other corn belt states, it is proposed to gather up and burn or plow underground all of the corn stalks in the infested areas, pulverizing corn stubble and clean up barnyards and feed lots. The plan is to pay the farmers for work that is

THURSDAY, MAR. 17, 1927

Still very busy on tractor
cultivator lay outs.

**U. S. Gives Deere
Company Contract
For 440 Tractors**

Dispatch Special Service.

Washington, March 17.—United States department of agriculture has awarded Deere and company of Moline, Ill., an order for 440 farm tractors to be used in the government's fight to eradicate the corn borer in those territories where it has become a menace to crops, it was announced today. The retail value of the tractors is approximately \$500,000.

The money for the equipment will come from the \$10,000,000 fund recently appropriated by congress to fight the corn borer menace to agriculture.

The tractors will be manufactured in the Waterloo, Ia., plant of Deere and company, and delivery will be made as soon as possible.

Deere and company has been co-operating with government engineers in the design and manufacture of special machines to combat the corn borer for the last several months. These machines, however, are still in the experimental stage and will probably not be ordered in large numbers for some time.

Mar 17, 1927

FRIDAY, MAR. 18, 1927

77

The Chinese rug came today.
 We are very much pleased with
 it. So far it has cost \$150 + 78⁶⁵ + .98
 = \$229⁶³. It was made by
 the Fette Rug Co. 10 Hsi Tsung
 Pm Huitung Peking, China
 and is called tan lotus ~~Brocade~~
 border blue edge (Order #3540)

\$5⁷⁸ more pd R.S. Greene Apr 18
 229.63

\$236.41
~~\$ 50.00~~ for chemically washing in
 286.41 New York.

SATURDAY, MAR. 19, 1927

Still spending most of my
time on redesign of motor alternator.

Four and twenty Yankees
Feeling very dry
Went across to Canada
And bought a case of rye.
When the case was opened
They began to sing:
To heck with the President,
God save the King.
—CANADIAN FOLK SONG

MAR. 19, 1927

SUNDAY, MAR. 20, 1927

79

Sleet storm.
Church in morning
we had the Gordon Kents
for dinner. He is our minister

MONDAY, MAR. 21, 1927

Sent our 2 Chinese reps
to New York today to be
chemically washed

MAR. 21, 1927

Director's meeting
today to be
held

TUESDAY, MAR. 22, 1927

81

Director's meeting at which
time considerable mention
was made of new general
purpose tractor.

My time is much
occupied with this cultivator
design.

82

WEDNESDAY, MAR. 23, 1927

All day on cultivator

W. MAR. 23

W. MAR. 23

THURSDAY, MAR. 24. 1927

83

McCray here today.
Busy all day on cultivator.

Went to concert of
Civic Music Association
and heard Formichi.
Wonderful voice
I heard him once on train
coming thru Kansas!

FRIDAY, MAR. 25, 1927

Fornichin came to Deer Ho
this morning and I went
around with him a while

The Beluaps for dinner here

MAR. 25, 1927

to Des Moines
and I will
be a trial

SATURDAY, MAR. 26, 1927

85

The cultivator shows signs of
progress. On the job all morning.

finished

Cesare Formichi



SUNDAY, MAR. 27, 1927

Beautiful day.

Elise & I had a good walk
in morning and with Herb
we went to the Outing Club for
dinner.

The two Elises went to hear
Elly Mey the pianist while
Billy and I went to the
art gallery and then later
heard some of the concert.

The children are so interesting
these days.

MAR. 27. 1927

MONDAY, MAR. 28, 1927

87

Still cultivator is uppermost.

This is the time we are uncovering
in the yard.

to a good
and with
the
out to be
want to
out to
the
a
as

TUESDAY, MAR. 29, 1927

Still on cultivator 1007
It begins to look better.

"Student Prince" in evening

WEDNESDAY, MAR. 30, 1927

89

This afternoon took Elsie for a drive nearly up to Albany. The high water covered the road so we could not get further.

Took the children to the Dan Fitch minstrels at the Capitol.

THURSDAY, MAR. 31, 1927

Deere Co held their first
Administration dinner tonight.
470 present. Wharton told
of the Deere Co business -
F. H. Clausen spoke on Personnel
and Charlie Winson was
toastmaster.

APR. 31. 1927

FRIDAY, APR. 1, 1927

91

Cultivate again

92

SATURDAY, APR. 2, 1927

Worked all day on cultivation
McRay here at 5 P.M.

2. 1927
Apr. 2, 1927
at I.P.M.

SUNDAY, APR. 3, 1927

93

Quiet day alone
Church, Herb for dinner.

The Harold Whites & McLeays
called in afternoon.

The Todds got home Friday
and we stopped in to see
them. Floyd Todd does not
look well.

MONDAY, APR. 4, 1927

We hope and expect to be
in the field with the new
motor cultivator by the end
of this week. It is difficult
as it is so new.

Mother and father are to
leave Amy's for Worcester today.
They have been with Kate
and with Amy nearly all
winter.

TUESDAY, APR. 5, 1927

95

Deere common stock sold at 100 today for the first time in its history.

Later news indicates it has jumped to 108.

We went to the Golden Wedding celebration of Minard and Mrs Frank Mixer of Rock Island, which was held at the Fort Armstrong Hotel.

WEDNESDAY, APR. 6, 1927

A wonderful Springlike day.
Decided to try a slip-clutch
on power take off shafts for
cultivator. This will do away
with clutch breakage.

Called on Todds in evening -

APR. 6, 1927

THURSDAY, APR. 7, 1927

97

Billy's eighth birthday.
He is a dear little fellow.
His mind is keen and he seems to
have a good head for mathematics.
The other day he made up
the multiplication tables
by addition. He is accurate.
He climbs a pole 12' long
in the yard just like a
monkey. He loves big things
and takes care of them.

FRIDAY, APR. 8, 1927

In field this afternoon in a drizzling rain with tractor & cultivator Present Handlund, Ted Johnson, Cameron, Elmer Brown, Kough, Winian. Results.

1. Penetration seems good.
2. Will have to move front shovels ahead on #2 and #5 rig to clear front wheels in wide setting. This means 2".
3. We get too much depth. Shorten distance from ^{top} point of trip to tip of shovel. Spring trip is not right. It does not return fast - must redesign.
4. Not enough lift on outside rigs. The rear end of beam should come up more. Cranks may have to be longer on outside rigs.
5. Adjusting screw works too hard.
6. One gauge wheel frame sety broke. Probably should be malleable.
7. The parallel lift is good and the lift seems to work smoothly.

The Gordon Harlanis is for dinner

APR. 8 1927

SATURDAY, APR. 9, 1927

99

McCray here today. Considerable trouble has developed with tractors driving stubble beaters.

In field all afternoon with cultivator.

Present McCray, White, Ted Johnson, Wines

1. Raise pivots 2' on standards for rigs.
2. Smaller shovels a stop on spring trip.
3. Rear pipe support not strong enough.
4. 4" dia. bearings for rig couplings.
5. More lift.
6. Too much lost motion on square shaft.
7. Set outside shafts ahead.
8. Consider square shaft bearing & rig coupling in one piece.
9. Longer straps for lift.
10. Longer cranks for individual septics.
11. Too much depth, cut shallower enough.
12. Perhaps 2" heavy pipe needed for frame. Front bars down, rear up.

The Dick, Lanes for dinner
at Blackhawk

SUNDAY, APR. 10, 1927

Carved frame for Helen Stone -
mother (Cochran) came at 2 -
We took her to see Ed &
Oty and then she spent the
night with us.

APR. 10, 1927

for Hobbs
Went to
see Bob
she spent

MONDAY, APR. 11, 1927

101

Made good progress today on the
cultivator. Have made over the
spring trips and increased the left.
Hope to be in field again tomorrow.

Mother Koehler spent the
night again with us.
She & Hubert were here for
dinner.

TUESDAY, APR. 12, 1927

The Chinese rags came back from New York where they were chemically washed. They are beautiful in field again with cultivator. This time we seem to have penetration and lift and 5 variations in depth. From 0 to 5". The 2" pipe on other side than one we fixed up buckled. We will need extra heavy pipe. It looks now as tho we had the basis of a real machine.

Elise got a new Hoover sweeper today.

Meeting of building committee of the church.

APR. 12

WEDNESDAY, APR. 13, 1927

103

Still cultivator. We have started on a complete new layout, or rather a new machine. Many refinements. It will keep us busy to get this out by the end of next week.

THURSDAY, APR. 14, 1927

Very busy on cultivator.

Oty's for dinner. The
Dick Lanes, Eliza's mother &
Mrs Burdall there.

AY. APR. 14

cultures

FRIDAY, APR. 15, 1927

105

Meeting with Jackson, Puffield,
Peck, Todd, Gilmore & Minan
about Case painting plows
etc like ours. It was decided
to write them to stop.

see [unclear]
[unclear]
[unclear]

SATURDAY, APR. 16, 1927

It turned from cold to
warm today.

Worked all day on
cultivator.

W. APR 15, 1927

Can hold 2

U. day

1927

107



then for
21-
lunch, Elise Jr
etching in her
jacket, white
and Beet.

family were at
for dinner
on Easter Egg
mother Kochea
Elise finished!

The eggs.



SUNDAY, APR. 17, 1927

107

Beautiful weather for
Easter Sunday 81°

We went to church, Elise Jr
looking very fetching in her
mishipman's jacket, white
pleated skirt and Bees.

The whole family were at
the sitting club for dinner
afterwards an Easter Egg
hunt at Mother Kochler's
As usual Elise furnished
the eggs.

Took some pictures of
the children.

MONDAY, APR. 18, 1927

We are gradually getting the cultivator into shape, and must have it finished the last of this week.

Took the Todds to a movie and later to our house.

TI
The
what you
decisions
C

TUESDAY, APR. 19, 1927

109

day

to

the

3.4

I hope your birthday will be a
very happy one, I wish I could
make a Stanesberry shortcake
for it, as I do and have a check-
in the place of the birthday
mud speak for, when asked
what you would like for your
dinner. What else.

April 15th.

428 LINCOLN STREET
WORCESTER, MASSACHUSETTS

My own dear Son -

You may know you are
very much in my mind just
now, not that you are ever
absent from it, but your
birthday always brings such
tender memories, and I live
over your childhood days, from
your birth to manhood, and it
is one long, happy picture, for
you have never given me an
unhappy or anxious hour!

How many mothers can say
that of their sons?

TUESDAY, APR. 19, 1927

109

108 MONDAY, APR. 18, 1927

It is almost impossible to believe you are within two years of a half century. You retain so much of your youth. I hope the strain of the last year, has not told on you heavily. Do be careful not to overdo & tax your nerves too much!

I hope your birthday will be a very happy one. I wish I could make a strawberry shortcake for it, as of old and have a chicken in place of the turkey you would speak for. When asked what you would like for your dinner, that does.

APR 18 1927
TUESDAY, APR. 19, 1927

109

My forty eighth birthday
A very happy day.

This pen from Elsie
Cross word puzzle book
from the children
and "The Girl from
Scotland Yard" from mother.

The Looselys gave a dinner
for Helen Stone to which
we were invited.

WEDNESDAY, APR. 20, 1927

The Mueller Lumber Co started hauling stone for a parking place for automobiles off from our drive.

Rain and floods have caused great damage in all the lower Mississippi valleys.

THURSDAY, APR. 21, 1927

111

The woodwork for the built
in cabinet in the guest room
came today. The stone
masons are here laying the
rock for a parking space.

Cultivator progresses still
hope to finish it this week.

Cold - frost feared for
tonight

FRIDAY, APR. 22, 1927

Freeze
 Still on cultivator all day.

Friday, April 22, 1927.

[Copyright: 1927: By The Chicago Tribune.]

Deere.

A. P.—Deere & Co. reported net income of \$7,662,850 for the fiscal year ended Oct. 31, 1926, as compared with \$4,514,567 in the previous fiscal year.

This was equal to \$23.22 a share on the 7 per cent preferred and \$29.89 a share on the common stock in the 1926 year, against \$13.68 a share on the preferred and \$12.31 a share on the common in the 1925 period.

Surplus for the year amounted to \$3,950,350 in the 1926 fiscal year as compared with \$2,534,567 in the previous year.

Profit and loss surplus was increased to \$16,244,372 at the end of the 1926 period from \$12,294,023 at the close of the previous fiscal year.

Current assets amounted to \$41,263,173 and current liabilities to \$7,193,037 on Oct. 31, 1926.

Net working capital amounted to \$34,068,843, against \$28,431,183 at the end of the previous fiscal year.

Dividends in arrears on the preferred stock amounted to \$9 a share on March 1, 1927, the amount having been reduced from \$14.50 a share in arrears on Sept. 1, 1925.

The accumulations are being paid off in varying amounts quarterly.

The preferred stock is rather high grade.

The common is a speculation at present.

PR. 22, 1927

SATURDAY, APR. 23, 1927

113

All day on cultivator. Finally moving out to the field at 4 P.M. Rear shovels seem too close together. Lift on one side was higher than on other. Clutch was not quite right.

SUNDAY, APR. 24, 1927

Mr & Mrs McCray & mother
Kochler here for dinner.
Went to experimental farm
& flying field in afternoon.

APR. 24 1927

MONDAY, APR. 25, 1927

115

All day again on cultivation

Annual stockholders meeting and quarterly Directors meeting.

At 1:30 all the Directors went out to the Experimental Farm to see the Model C tractor, planting, cultivating and harrowing. The cultivator did well. \$875,000 was appropriated to put this tractor into production. \$325,000 appropriated for combines.

APR. 26, 1927
WEDNESDAY, APR. 27, 1927

117

We started turning the cultivator over to the shop this morning. 18 patterns went over today.

Saylord has started sodding our banks, which slid down early this spring.

The fruit trees are in blossom today.

THURSDAY, APR. 28, 1927

Our bank was sodded today.
Cultivation is progressing in shop.

In afternoon Elise and I drove
up to Clinton. The blue hills
in the yards, three Crows etc
were beautiful.

APR. 28. 1927

did not
any in the
at and
of the
in the

FRIDAY, APR. 29, 1927

119

Have been bothered with a cold
for the last week.

SATURDAY, APR. 30, 1927

Some patterns can't be turned
over till Monday on the
cultivator.

Sodding at house nearly done.

SUNDAY, MAY 1, 1927

121

We picnicked at the Experimental
Farm. Violets are at their best
now. The great excitement
of the day - the purchase of
a Fox Terrier pup from Joe
for \$500.

A wonderful concert in evening
by the Atwater Kent Coor.

Haskett, Alda Gordon, Homer + his daughter
McQuhee, Conant 4, Chiquita. etc etc.
Wernersath.

MONDAY, MAY 2, 1927

In field with Carl Steadlands
latest version of the K.H. cultivator
It works very well; but lift of
front shovel is not high enough.

TUESDAY

Found the
the main
the field
with the
the
the

MAY 2, 1927

TUESDAY, MAY 3, 1927

123

Turned leaving over to Duffield
this morning. Power taken off
idea elaborated somewhat from
model photographed March 19 '27
We are going to make applications for
patents.

WEDNESDAY, MAY 4, 1927

Fixing up directions for
tractor cultivator.

MAY 4 1927

THURSDAY, MAY 5, 1927

125

Liggett & McCornick were here
from Waterloo and we talked
over the 3 wheel 4 row
cultivate tractor.

In evening we and the
Charlie Stones went to hear
Milton C. Work talk on Bridge

FRIDAY, MAY 6, 1927

Worked all day on
directions for erecting and
operating motor cultivators.
Made several sketches.

5, 1927
SATURDAY, MAY 7, 1927

127

Made concrete steps on our bank
near garbage can.

We moved the furniture around
and Elise Jr now has the guest
room. We have had a closet built
in. Billy is to have the small front
room.

SUNDAY. MAY 8. 1927

Worked all morning on putting
hardware on Elias' closet.

Dinner at Cutting Club.

Brought Mother Kochler & Herbert
back home with us and the Vollmers
called.

8. 1927

MONDAY, MAY 9, 1927

129

Bought a flat top desk for Elise
which came today.

Hope to have just of the 20
cultivators erected this week.

TUESDAY, MAY 10, 1927

Planting of corn will be late this year due to cold weather & rain.

This is fine weather however for the bank we have just added.

Had to have new franklin tank for toilet in son's bedroom.

MAY 10, 1927

WEDNESDAY, MAY 11, 1927

131

Still wet and rainy.
There have been terrible floods
of the Mississippi further
south and tornados near us.

THURSDAY, MAY 12, 1927

The sun is out for the first time
in several days. So far we
have only had 28% of sunshines
out of the possible 100% as for
this month.

Sold 50 shares of Deere Common
at 135 today.

MAY 12, 1927

FRIDAY, MAY 13, 1927

133

More rain.

Roger Greene is on his way to China again. Conditions there look very bad.

SATURDAY, MAY 14, 1927

Got the first cultivator together today and ran it in shop.

Wire from Ross Langhlin in Toledo saying I should be there Monday. However after talking with him on phone, expect to postpone that trip till Wednesday.

MAY 14 1927

SUNDAY, MAY 15, 1927

135

Church in morning. Had Irving Beluap,
Oty, Mal & Little Mal for dinner.

In evening we took the two children
to the movie at the Congregational Church.

MONDAY, MAY 16, 1927

The first cultivator went back to the shop O.Ked so they can now build them all.

Elise and I went to the Eugene Walsh's for dinner. 22 thro.

Telephoned Ross Laughlin at Toledo and it does not look as tho' it was necessary for me to go there as large joints was the point to be decided and we are sending some by express today.

MAY 16, 1927
In field with 1st cultivator of
regular run today. The
left seems to be too hard and
clutch drum broke also pivot
cotg.
The E.P. Johnsons for dinner.

137

Rain all day.

In field ~~work~~. Broke another
worm gear. Left is evidently
too high and too hard. In
afternoon we balanced the rigs
and found considerable friction
in lifting straps and arms. We tried
four springs instead of two and
found they just about counter-
balanced the weight of the rigs.
Then we reduced the height of
left by shortening lifting straps
and this made it possible to
put $1\frac{1}{2}$ " ferrule so that the
lifting unit does not go down within
an $1\frac{1}{2}$ " of where it did. This makes
longer crank and an easier lift.
Found clutch spring too weak.
Found that slip coupling when
breaking at 700 lbs is about
right. Made forging for link of
grey iron that broke yesterday.
~ Some day - !!

MAY 18, 1927

THURSDAY, MAY 19, 1927

139

Finally got lined up and built two cultivators today and they were painted before quitting time. Incorporated the changes found necessary yesterday.

Elsa Butler here for lunch.

FRIDAY, MAY 20, 1927

The two cultivators built yesterday were expressed to Belmond Iowa. Four more cultivators built and painted today. It is a strenuous job. These will be shipped tomorrow to Boone & Waterloo Iowa and Gibbon Minn. and Muscoda Wis.

Barnes will leave for Belmond Sunday night. Rogers for Waterloo and Gibbon, Silver for Boone.

Cameron to be in Muscoda on Wednesday, and Ted Johnson in Waterloo Wednesday.

20 1927
SATURDAY, MAY 21, 1927

141

11⁴⁰ AM. Just heard that Chas A
Lindbergh has just landed in
Paris after flying from New York
without a stop in 29 hrs.

Built 4 cultivators by 1 o'clock

Later news - Lindbergh landed in
Paris in 30 hrs and 20 minutes of
flight. non stop.

The papers are full of the event.
It is considered to be one of the greatest
personal triumphs of all ages.

Eda and Walters for supper.

SUNDAY, MAY 22, 1927

Rain all day. This has been one of the wettest months on record. I put screens on in morning.

Oty has a very bad case of grippe so we went over night after lunch and brought Malvern over to stay with us.

MAY 22, 1927

MONDAY, MAY 23, 1927

143

Built cultures 11-12-13-14 today.

A regular torrent tonight 1.55 inches
in half an hour.

It is muggy and oppressive.

TUESDAY, MAY 24, 1927

Finished cultivators today
building Nos 15-16-17 and 18.
But we had such a drenching
rain that 2.32" it looks
as tho it would be some time yet
before any cultivators would be in use.

Oty has bright's disease so the
doctors say today. Elise has tried
to get her to come over with us.
She has no girl and it will be hard
for her after. Miss Snyder has the baby
Mrs K. Mary & we Malcom.

MAY 24 1927
11
WEDNESDAY, MAY 25, 1927

145

The sun shone all day.
Set up the cultivator at the Velle Farm
but ground is too wet as yet to cultivate.
Telegrams from Silver Barnard &
Rodge all say conditions too wet to get
into field.

Dinner with Stones at Cutting Club.

Young Malvern -
to Elise "Aren't you glad I'm here"
to me "Where's your mother", meaning Elise.
Bobby said "Mother may I go out without
anything on" (meaning without a sweater)
Malvern exclaimed "But Tante Lorie
you aren't going to let him go in his
naked are you?"

THURSDAY, MAY 26, 1927

Billy wants a mud turtle. He asked me to get him one but I told him we would have to find one. He said "If I could I'd buy one but I'd rather find one and so not be put to the expense of it."

Two pleasant days. Hope to start cultivating soon. On the radio tonight Sam said to Henry "We had mighty peculiar weather in Chicago today. It didn't rain."

Mother and father went to Intewale today.

Kate and the children arrive there Saturday.

MAY 26, 1927

FRIDAY, MAY 27, 1927

147

Rain all day. No chance of starting any cultivators for some days yet.

Started a fire in boiler at the house. It is only 50°.

We heard Marion Talley in evening at the Masons Temple in Davenport. She has a wonderful voice and a charming personality.

SATURDAY, MAY 28, 1927

Still rain. Don't know when
cultivators can be used.

Very cool for this time of year.

MAY 28 1927

SUNDAY, MAY 29, 1927

149

Church in morning.

Mother Koehler, Herbert and
Mary, also here for dinner.

Eda and her family called in
afternoon.

MONDAY, MAY 30, 1927

MEMORIAL DAY

We still have a fire in the boiler
It is very cold for this time of
year.

Built a canvas basket for
the wheelbarrow to carry
grass and leaves in.

Elise saw Mrs Todd this
morning. No one has seen her
before since she was sick. She
has rheumatism very badly.

Much impressed with
radio reception of exercises
at Arlington Va.

TUESDAY, MAY 31, 1927

151

Cultivated at the Velie Farm for the first time today.

The impression seemed to be favorable. The mechanical action of the cultivator appeared to be good. The tractor steers too hard, a bind somewhere in the steering mechanism.

We had front shovel points 16" apart. Perhaps 2" wider than would be used on horse drawn outfit. However we do not expect to get so close to the corn with a motor outfit. The controls seemed to be good. All in all as a start it looked good.

Annual church meeting in evening.

Elize has a slight touch of the grippe.

W. H. Paul arrived this morning -
 The idea is that he is to follow closely the corn boom machinery and work with the Government officials Sillaway Kough & I are going to Toledo with Paul tonight to see that he is started right.

Showed Paul cultivator at Velie Farm.

THE PULLMAN COMPANY
 PASSENGER'S CHECK - To identify accommodations purchased.
 CHICAGO to TOLEDO, Ohio

Lower Berth 51524 of 524

Line No. _____ Via _____ R.R. _____

Office 25-10-A
 FORM 1166
 83

THE PULLMAN COMPANY
 PASSENGER'S CHECK - To identify accommodations purchased.
 CHICAGO to ROCK ISLAND, Ill.

Upper Berth No. 614 CAR _____

Line No. _____ Via _____ R.R. _____

Office 25-10-A
 FORM 108 1371

Hugo telegraphed today that he was getting married. This was not in time of previous.

THURSDAY, JUNE 2, 1927

153

Reached Toledo early. met Rutherford at
the Corn Borer Headquarters 615 Front Street
met L.H. Worthley and he seemed
very glad to see us. I explained that we
were bringing W.H. Paul along to stay on the
job and see what could be done to help develop
attachments on better methods. Worthley seemed
very much pleased. Reed was held in Columbus
by sickness so we did not see him. Messrs
Calkins and Bean took us out to see fields

An announcement of interest to
a host of tri-city friends of Com-
mander Hugo W. Koehler, is that
of his marriage today to Miss
Mathilde Pell, a prominent New
York girl, a sister of Herbert C.
Pell of that city. Dr. Moore per-
formed the ceremony at 4 p. m., at
the church of which he is pastor
on Fifth avenue, New York City.
Due to unexpected orders received
by Commander Koehler, only the
immediate relatives present in the
east were able to attend among
whom were Mrs Harold Ludewig
of Port Washington, L. I., a sister
of the bridegroom.

Commander Koehler is the oldest
son of Mrs Mathilde Koehler and
of the late Oscar C. Koehler of 104
East Locust street, Davenport. He
was graduated from the United
States Naval academy at Annapolis
in 1909 and received many promo-
tions in the service. He was a
representative of the U. S. state
department on a special mission to
observe conditions in Europe, Rus-
sia and Asia Minor, and during the
past year has been an instructor
at the Naval War college at New-
port, R. I.

was in progress and
pressed to see that
kicked after plowing.

This district
infected district in
last year the
5 times as bad as

With this clean up
next year it will be

Litigation is bothering
ing injunctives
an up.

THURSDAY, JUNE 2, 1927

153

Reached Toledo early. met Rutherford at the Corn Board Headquarters 615 Front Street met L.H. Worthy and he seemed very glad to see us. I explained that we were bringing W.H. Paul along to stay on the job and see what could be done to help develop attachments on better methods. Worthy seemed very much pleased. Reed was held in Columbus by sickness so we did not see him. Messrs

Caffrey and Gray took us out to see fields where the clean up was in progress and we were much impressed to see that fields were hand picked after plowing.

Caffrey said that this district is about the worst infested district in the country and that last year the infestation was 5 times as bad as the previous year. With this clean up he hopes that next year it will be only 50% of this. Litigation is bothering a lot. Farmers bringing injunctions to prevent the clean up.

FRIDAY, JUNE 3, 1927

Finds on my return that two cultivators at Belmond Iowa are working well and farmers seem well satisfied, one has cultivated 45 acres and the other 15- At Ames the cultivator has gone 15 acres and one of the classes has been out to see it and Silver reports it is making a very favorable impression there.

More rain here prevents any work hereabouts; it is very discouraging. The ground is soaked with water.

Started a fire in boiler at home today. Never remember having to heat the house so late in the season before.

JUNE 3, 1927

SATURDAY, JUNE 4, 1927

155

Still wet.

In afternoon we went to
Frit Animations to see exhibition
of pictures by Illinois artists.
Elsie's picture was there.



SUNDAY, JUNE 5, 1927

Elise is not feeling well,
 All in Davenport for dinner.

Went to Fort Armstrong Hotel
 later to see exhibition of pictures
 by Illinois artists. Elise's
 portrait showed up well.

THE PULLMAN COMPANY PASSENGER'S CHECK—To identify accommodations purchased. MOLINE to CHICAGO, Ill.		Office 25-83 FORM 1-1726
Lower Berth	444 Car	
Line No. _____	Via _____	R.R. _____

easier for farmer than feeding
 into stationary cutter.

MONDAY, JUNE 6, 1927

157

At meeting all day with members of Corn
Boards committee of A.S.A.E.

G.W. McCuen, H.B. Walker, Duffee, Lehmann,
Kettner, O.B. Zimmerman, Benjamin

Found that the States and state
universities and Department of Agriculture
are going to experiment with machinery

The government plan is on machinery

1. Picking up stalks etc by raking
2. Flouing
3. Hand Tools - to cut 2" above ground.
4. Field Runners drawn by tractor.

(a) Corn Combine

(b) Pulverizer

(c) Low cutting corn binder 2" or less.

I.H.C. are building 5' mower with brush guards
which successfully cuts corn stalks.

They have built dump rake $\frac{1}{2}$ " teeth 2 $\frac{13}{16}$ " centers

3 wires on plows seem to do good work
perhaps eyelets on cats for these
wires would work well. Top wire shorter
7' others 10'. Top wire on top of beam.

I.H.C. built 6000 rotary does this season

It is thought field ensilage cutter
will be a great thing as it is

TUESDAY, JUNE 7, 1927

Elise had a 102° fever this morning
 Dr Sloan called and called it a
 streptococci sore throat. She is to
 stay in bed 2 days.

At directors meeting it was voted
 to make stock available to
 those who were to get it next
 June at 25⁰⁰ per share and
 a bonus of that amt to be pd
 Nov 1st next of that amt. This
 on account of fact common stock is
 now 175 and income tax would be
 tremendous.

Started at 1³⁰ P.M. with Harold
 White & Ben Kough for Ames Iowa
 in Harold's car. We reached there
 at 8 P.M. 224 miles.

Found cultivation just started
 on way. Met Silver at Ames
 Expect McCray here in morning.

Telephoned Elise on arrival and
 found her much better.

WEDNESDAY, JUNE 8, 1927

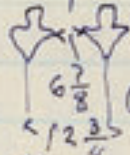
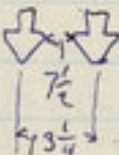
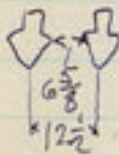
159

Saw the tractor at Ames. The planting there is very uneven. The college men did it. The field was ⁱⁿ bad condition before planting started. Cultivator #8 The fork arm in clutch lever was loose



Mervine said they cultivated 2.9 acres per hour. McCray arrived middle of morning. A rock plowed up 3' in dia. had bent #3 rig. We should try sweeps to cut out trench in better shape.

Boone in P.M. There we found Fred Wahl with cultivator #6 in the field. He was going in intermediate speed and doing $3\frac{1}{2}$ acres per hour. We thought he was covering too much corn but he said it would come up and he wanted to dirt it. His front shovels were set



He said he had used a Moline Universal cultivator for 4 or 5 years

and that this is the easiest cultivating he has ever done. He follows right side and looks behind about every 20 hills. He was finishing just time over. We drove to Belmont met J. Baugied + Cy Hackett. Went out to see George Atabrom with cultivator #1. Corn was planted as crooked he did not cross. ^{Corn} He likes outfit _{cultivator}

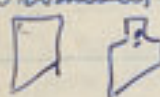
THURSDAY, JUNE 9, 1927

Had 2.66" of rain last night so cultivation was out of the question.

We drove to Waterloo and saw Art Smith who was cultivating with the three row outfit. He was getting along pretty well. A horse drawn outfit in the same field was doing a very poor job as it was not digging but just scratching. 3 points need consideration

1. Better shields, longer & further in front
2. Cut out all of middles
3. Fill in rear wheel track.

Promised Art Smith 6 shovels

 like this for front shovels.

Saw an adaptation of the old BMC Iron Horse made by the J.I. Case Flour Works. It did not look so art like much.

Left for Moline at 4:40 with Ben. We travelled 514 miles by automobile.

JUNE 9, 1927

12

FRIDAY, JUNE 10, 1927

161

Found that Velie was not satisfied with work we did cultivating and he has been noising this around. However his man says he is pleased with the work and the work looks O.K.

Other reports from field good.

Tried sweeps, bent beam etc etc.

SATURDAY, JUNE 11, 1927

Cameon back from Gibbon Min.

He reports that the most particular farmer in that vicinity has the cultivator and that after cultivating over he said it did better work than the horse drawn cultivator.

The other farmer used his as far as a harrow.

Silver reports from Ames that sweeps are better for 2nd overcultivation.

JUNE 11, 1927

SUNDAY, JUNE 12, 1927

163

Alone all day. Childrens Sunday.
We went. Billy was presented
a book for perfect attendance
during the year.

MONDAY, JUNE 13, 1927

We had a meeting this morning of the men who have been following the motor cultivator - Cameron, Sprung, Johnson, Standlund, Kough, Barnard, Kiel, Murphy, Silver and Rogers. So far 11 cultivators have been started at Ames, Boone, Belmont, Gibbon, Muscoda, Watertown & Molokai. The impression gained was that the cultivator had made a fine start. At Gibbon the outfit was used as a harrow (this brings out the thought that this outfit with center shovel attachment could be used as a field cultivator or as a harrow, possibly dragging a spike tooth harrow behind)

Two sets 6302 & 6315 are the only ones to have broken. 1 at Belmont 1 Molokai.

1. Individual rig adjustment needed on center car
2. Vertical adjustment need on center wheels
3. Cut out wheel track with shovels behind wheel, and then do away with shovels directly in front of drive wheel.
4. Sweeps good on 2nd cultivators.

JUNE 13, 1927

TUESDAY, JUNE 14, 1927

165

(Monday continued)

In afternoon Ben Kough, Rowland
went to Geneva to see a four row
corn planter or a Farmall made by
a farmer named Ford. The planting was
very irregular and the check was poor.
He was going to use a 2 row cultivator.

Also saw and operated a Moline
cultivator attachment for the Fordson.
It did a good job. But it steered hard
and was slow in turning at end of
row. Also the outfit did not look
as tho it could stand much hard
usage.

Tuesday

In evening there was a wonderful
radio program featuring
Hedy's Banquet in N.Y.

In field trying out combinations to take out the wheel tracks of the tractor. Find that 2 small shovels behind each drive wheel seems to do the trick and in this connection to leave off the shovel directly in front of the drive wheel. If shovel is left a soft tread is made for wheel and more of a track is apparent.

Wonderful radio for
Roxys 10-130 AM.
Wave lengths changed today.

JUNE 15

THURSDAY, JUNE 16, 1927

167

Wheeler from San Francisco was here today.

J. Barnard reported 2 caster wheel axles bent on the Thompson machines at Belmont. Sent Ted Johnson up there. We have only 4" offset for a caster and it hardly seems to be enough.

The cutting out the wheel tracks seems to be a very good idea.

FRIDAY, JUNE 17, 1927

Got a new camera for co. today ²1.A.
Geo Wheeler was here for lunch at
the house -

Making caster wheel axles with
 $1\frac{1}{2}$ " more offset and $\frac{3}{4}$ " higher.
Have had some trouble develop
with axles. They bend when
turning probably because of
the too small amount of offset.

Dinner at the Davenport Country
Club as guests of the Rudie Claiborn

JUNE 17, 1927

SATURDAY, JUNE 18, 1927

169

Decided to make enough caster
wheel axles to replace all 19 outfits.
This and a looseness that has
developed in the throw out arm
are the only troubles that have
developed so far.



SUNDAY, JUNE 19, 1927

A fine quiet Sunday all by
ourselves. ^{88°} It is the first
real hot day, sultry & muggy.

Went to see the Todds in morning
and Louris in afternoon.

Monday.

Hot and muggy all day.

Left for Quatona with Ben & Harold
White on our way to Sibon Minn.

THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.

From Moline

To Quatona

Accommodation R3 24 Car

Line No. Via R.R.

Property taken into car will be entirely at owner's risk.

Office **25-83** **3601**

Form **100-6**

Passenger **1 2 3**

MONDAY, JUNE 20, 1927

171

In field today to try out
caster wheels. We found a tendency
that wheels & axles did not center
exactly. One was $\frac{3}{8}$ " off center. This
seemed to cause a wobble.
Tried a 6" wheel but it did not
run as steady as a narrower one
also it is too near corn on guess rows.
 $5\frac{1}{2}$ " offset works better than 4" for
caster.

Jay Barnard on phone said the
Olson machine had bent axles but
both outfits were working satisfactorily
3rd time over. They have crossed with
cultivators and are more pleased each day.

Silver from Ames says he worked a
4 row Farmall cultivator, it is level
and worked pretty well. All axles are
bent and broken. Silver says it is not as
satisfactory at Ames as it should be. Will
send new axles and have Silver stay. Boone
is eminently satisfied and is now working
as a 2 row wheel corn was planted with
a 2 row planter.

TUESDAY, JUNE 21, 1927

Reached Quatoma at 8:30. met
Hornbough. The 5 of us McLean,
White, Hornbough, Kough & I went to
Gibson where we saw the motor cultivator
of Joe Green. He is much pleased
with the outfit and likes it in
every way. He is a very particular
farmer and won't stand for any poor
work. Do not think spreader is
desirable or necessary. Henry
Welker was there. Both he
& Hornbough were quite impressed
with the outfit. Hornbough admitted
① That we had a cultivator
② That the tractor was alright.
He says 3 cows are too much.
Indications seem to be that the
cultivator has been very successful
so far and really has helped some
as there have been more troubles with
both planter & tractor. Staying
at Dakota Hotel New Minn

WEDNESDAY, JUNE 22, 1927 173

- Rain - Entered with all our
and then
the meeting



is well
mated that
has said

we were
cultivator would be necessary in view of our
outfit. W.L. Velie was at Lafayette
shop and he said that the cultivator
did well and he thought it a good
machine but the paint and finish on
the tractor was rotten. However he
liked the outfit.

THE PULLMAN COMPANY

The
DAKOTA
NEW ULM · MINN ·

-To identify
chased. The
The Pullman
a SURCHARGE
INT REQUIRED
S AGENT FOR
Y, AS SHOWN

Minneapolis

To
Accommodation
Line No. Via R/R
Property taken into car will be
entirely at owner's risk.

4420

Office 27-1

Passenger

Form 100-5

1 2 3

JUNE 21 1927

WEDNESDAY, JUNE 22, 1927 173

- Rain - Interfered with all our plans. We stopped at Gibbon and then drove to Wpls. I went to the meeting of the A.S.A.E. at the University.

Zimmerman said big changes were imminent in IHC line up. He estimated that James McCormick would head it. Also said at weekly meeting that power left for Farnall & culturo would be necessary in view of our outfit.

W.L. Velie was at Lafayette Mich and he said that the culturo diesel well and he thought it a good machine but the paint and finish on the tractor was rotten. However he liked the outfit.

THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.

MINNEAPOLIS Minn

To _____
Accommodation _____ Car _____
Line No. _____ Via _____ R/R _____

Property taken into car will be entirely at owner's risk.

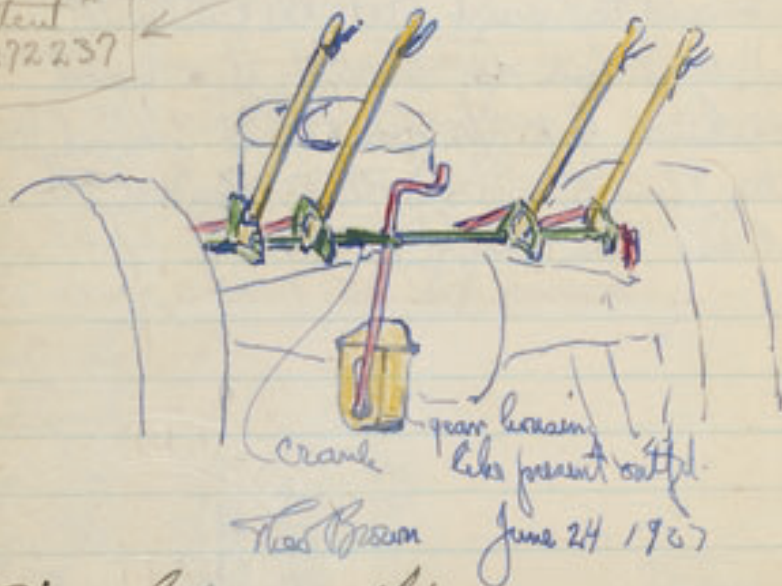
Office 23-1 4420
Passenger 1 2 3 Form 100-5

ATON

THURSDAY, JUNE 23, 1927

Today gave a sketch to Duffield showing how a power lift could be used on a tractor & cultivator like the Fairall. It uses a worm and worm gear assembly with clutch on rear end of power take off shaft and a rock shaft where levers now are on top of rear axle and crank connection.

Patent #
1872237



Thos Brown June 24 1927

Signed before me this
24th day of June AD 1927
Duffield

FRIDAY, JUNE 24, 1927

175

14 cultivators are now in operation
Roanoke just started. 4 in Waterloo &
Belmond, 2 Sibley, 1 Muscoda, 1 Boone, 1 Ames,
& Moline, 1 Roanoke.

Silver reports that the 4 row 1+1 C
is hard to turn. It has to be backed
around.

THE PULLMAN COMPANY	
PASSENGER'S CHECK — To identify accommodations purchased.	
MOLINE to CHICAGO, Ill.	
Lower Berth	8 44
Car	
Line No.	Via
	R.R.
Passengers	1 2
Office	25-83
FORM	1 1848

HOT

Meeting at Blackstone Hotel with
 O.F. Bledsoe Jr. President of Staple Cotton
 Cooperative Association Greenwood Miss.
 Present. Alexander, McCray, H. White & myself.

Mr Bledsoe wants us to develop machinery in
 connection with our new tractor to make it
 cheaper to raise cotton. His association will
 give us a plot of ground and help us in every
 way. At present chopping or hoeing costs

\$3.00 per acre & harvesting \$10.00. \$9.00 ^{in mule} per
 acre is and now invested in equipment per acre
 $\frac{1}{2}$ cost of cotton is labour. $\frac{1}{2}$ million acres in delta
 suitable for tractor. 56% weather 44% acreage

Grade $\left. \begin{array}{l} 1. \text{ Foreign matter} \\ 2. \text{ Length of staple} \\ 3. \text{ color} \end{array} \right\}$ Grade

By installing better cleaning apparatus cotton with
 more foreign matter can be used but color must
 be strict middlin. This means cotton must be
 picked before frost. 2 cents a lb. difference.

Tires are now made of low grade cotton. This means
 that it may be possible to strip cotton, blow
 leaves away, so leaves mat with cotton fiber
 and do not givelsay. Mr Bledsoe's whole
 idea is to raise cotton that can be cheaply
 harvested. He knows all about spindle cotton pickers
 and as we he says they are fundamentally
 unsound. Not enough cotton can be picked at
 the right time. His idea is a false stuffer.

They use Pappier cotton on account of the Weevil.
 He has experimented and found that Galaxia 6 is best

JUNE 25, 1927

13

SUNDAY, JUNE 26, 1927 177

Beautiful day for climate & temperature

The whole family were at Mother Koeliker's for dinner. It is too much for one to have all.

We took young Malvern home after a weeks stay here.

on 36" rows, give a maximum of cotton and a minimum of leaves.

Horticult is planting a grooved wheelbarrow press in a groove and so plant slightly and press in not more dirt over seed than its diameter. plant seed 1" apart.

A rotary hoe may be used to chop cotton and for first cultivation. The setting of the cotton is very important. It is thought that by this method chipping can be eliminated.

Cotton raising desired

1. In full one operation of cutting stalks and if possible bury them when at same operation ^{possibly use discs here to go deep.} ^{shaving the beds.}
 2. In spring middlebush and provide for fertilizer in center of rows ^{150-200 lb outside of land to the row.}
 3. Planting 36" rows seed 1" apart.
 4. 10 or 12 cultivations
 5. Harvesting - preferably by stripping
- \$20⁰⁰ per acre could be spent for equipment as against 3⁰⁰ now. His idea is to raise cotton with less foliage and branches.

2 row outfit large enough for Blakeslee

MONDAY, JUNE 27, 1927

Cultivator at Vermont was started
successfully last week.

Shown some of the directors
the cultivator in action at the
Midvale Fair. The tractor however
was not working properly.



Supper at the Vollmers and later
an art lecture at De Kuns Struiks.

JUNE 27, 1927

TUESDAY, JUNE 28, 1927

179

90°

Hottest day this season.
In field with a potato bug
machine invented by a man
named Johnson of Rochester Minn.
It worked better than
thought it would.

Eda's birthday, all there for
supper.



ON PICNIC JULY 4

WEDNESDAY, JUNE 29, 1927

HDT

94°

With Duffield and Jackson on revision of patent on motor cultivator with idea of covering in our claims a power lift that might be used on the "Faemall".

Spung is for the first time optimistic about 3 row cultivator. He was at Bloomington where he was present when the Peule cultivator was started. He said that the outfit performed well from the very start. It did a perfect job and should replace about 5 single row cultivators.

News to date seems very encouraging on 3 row idea & performance.

—THURSDAY—

In field in p.m. with #37 stag plow that W. H. Paul had equipped with scraper to scrape trash into furrow and then cover. Only partially successful.

Paul left for San Francisco tonight, he expects to return in a month or so via Texas where he will try out lowcut corn binders.

THURSDAY, JUNE 30, 1927 95-781

With Duffield and Jackson most of the day. One point that we discussed at length was in reference to the shovels behind the drive wheels. Romnig's patent has claims covering primary cultivating shovels in front and secondary behind the drive wheels to cut out the wheel tracks and the same means for lifting both out of the ground. We can use shovels behind wheels if we have separate lifting means, but we want to lift by power. Finally Jackson reviewing patent to W.S. Plummer 1,167,429 which was not cited as a reference in the Romnig case, but which should have been. (2 yrs. prior to Romnig) would make the Romnig invalid. Jackson said we might be sued but he was confident the Romnig patent in this respect could not be sustained. He thought we could lift by power. Showed him cultivator in field at Meadows Farm.

Ben Kough was at Gibbon Minn yesterday to show Mr. Webber the 3 cow outfit. Evidently the outfit appealed very strongly to Mr. Webber and Thornburgh seems to be coming around too. Webber said that it was remarkable how much work a man could do with such an outfit, and that it did much better than he had was expected it could. He asked Green how he liked it and Green said the only trouble was that he did not have corn enough. He likes it very much indeed.

Meeting on corn boys in morning. Sellonay, Neay, White, McCray, Shlosky, Kough, Todd, Bodson. Recommended building a burner.

FRIDAY, JULY 1, 1927

Still hot and muggy.
 Thinks seriously of building
 our two row cotton/motor cultivator
 as shown in sketch of June 23 ed.

USING TRACTORS IN CORN FIELDS

Line-Drive and Three-Row Cul-
 tivators Latest in Corn
 Machinery.

PLOWING 25 ACRES A DAY

The new tractor outfits are being tested in McLean county corn fields this summer. Machine designers seem determined to push the tractor completely off the farm. As soon as one manufacturer introduces a machine for a new purpose, others follow and seek to improve. But horses compete with these new outfits. Time will tell.

Three-Row Outfit.

The other invader is the three-row outfit shown in the other picture. It is being put thru its paces on the E. D. Funk farm. It is far more complicated and more complete than the line-drive, also heavier and doubtless, more expensive. It is designed for general purpose, pulling two or three plowshares, pulling a three-row corn planter, or cultivating three rows at a time.

John Stacey, who was working this outfit this week, made a mile round of the field in 20 minutes. He reported that he planted 40 acres of corn in a day with it. And that he hooked two rotary hoes on and covered the ground in the record time of five miles per hour. And altho rotary hoes are not recommended to go this fast, it looked like a better job was being done than at the lower speeds.

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Three-Row Outfit

The other layout is the three-row outfit shown in the other picture. It is being put thru its paces on the E. D. Funk farm. It is far more complicated and more complete than the line-drive, also heavier and doubtless, more expensive. It is designed for general purpose, pulling two or three plowshares, pulling a three-row corn planter, or cultivating three rows at a time.

John Staley, who was working this outfit this week, made a mile round of the field in 20 minutes. He reported that he planted 40 acres of corn in a day with it. And that he hooked two rotary hoes on and covered the ground in the record time of five miles per hour. And although rotary hoes are not recommended to go this fast, it looked like a better job was being done than at the lower speeds.

THE DAILY PANTAGRAPH.

BLOOMINGTON, ILL.

SATURDAY MORNING, JULY 2, 1927.

New Tractor Plows Three Rows Corn



Above—John Staley driving this new outfit on E. D. Funk farm south of Shelby. It has a headlight, a regular automobile steering wheel, a special mechanism that lifts the plows out of the ground whenever he touches a pedal, and a lot of other refinements. The designer of this tractor had in mind the requirements of a man who wants to do every thing by gas power. It pulls two or three plowshares. A three-row corn planter attached permits one man to plant 40 acres of corn a day. Note plows hung under front and rear.

Tuned the Dodge car in towards a Fortson
will be guaranteed soon.
Plus gas for supper as guests of Fortson.

SATURDAY, JULY 2, 1927

183

THE DAILY PANTAGRAPH,

BLOOMINGTON, ILL.

SATURDAY MORNING, JULY 2, 1927.

New Tractor Plows Three Rows Corn

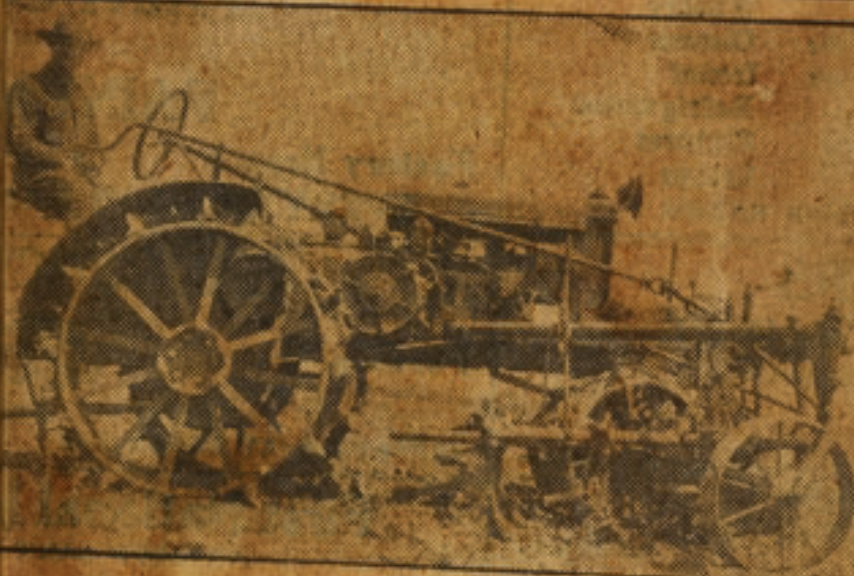


Photo by Staff Photographer.
above—John Staley driving this new outfit on E. D. Funk farm south of Shirley. It has a headlight, a regular automobile steering wheel, a pedal mechanism that lifts the plows out of the ground whenever he wishes, a pedal, and a lot of other refinements. The designer of this tractor had in mind the requirements of a man who wants to do everything by gas power. It pulls two or three plowshares. A three-row planter attached permits one man to plant 40 acres of corn a day. The plows hung under front and rear.

*Turned the Dodge car in towards a Pontiac.
will be guaranteed \$200.
Blue grass for supper as guests of Volkmers.*

SUNDAY, JULY 3, 1927

Cooler.

Left for Dixon at nine this morning. The Belnaps with their niece Virginia Elise and the children. We took two cars. Reached Dixon at 11⁴⁵.

ILLINOIS' HISTORICALLY FAMOUS HOTEL

The
NACHUSA TAVERN

CAL. BUTTERFIELD, Proprietor

DIXON, ILLINOIS

We went to Grand Detour and Oregon and ate our lunch in a country lane. Then we went to Lowell Park 4 miles out of Dixon. Here we found an ideal spot. Beautiful wooded drives and a sandy beach with bath house, sand steamer, etc. We had a swim.

I was much impressed with Billy & Elise in the water. They both did very well. Both swim with ease and have no fear of the water.

We had a picnic supper at Lowell Park and then went to the Nachusa Tavern for the night.

JULY 3 1937



well Park
d. Putman
ter a
dive.
we started
till

we have enjoyed every minute of it.
A 2 1/2 hour trip here



Kohler and Herb
Blons came up and
looked here.

ation

TOOLS UP AND
MATION AND
FROM THE SEASONS
OR CULTIVATOR.

otten

now have been
now idea. Claiming
would never get by.
much.

It is a relief to get such a letter.

MONDAY, JULY 4, 1927

185

This morning we went over to Lowell Park
and had a boat ride to Grand Detour
was a beautiful trip. Later a
lunch. Billy & Elise both dined.
at 2:40 we started
home, after a most delightful
trip. We enjoyed every minute of it.
on trip home

Mother Kohler and Herb
and all neighbors came up and
their fire works here.

A pleasant vacation.

TUESDAY

BRING THESE TOOLS UP AND
ALL THE INFORMATION AND
YOU CAN FROM THE SEASONS
THIS TRACTOR CULTIVATOR
ETC. ETC.

cc. Wabben

people's rental now have been
taken to the 3 row idea. Claiming
the blind row would never get by.
3 rows is too much.

Let's get on with a letter.



87

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TUESDAY, JULY 5, 1927

Warmer again
Following letter from C.C. Wibben today

THE WRITER WAS FAVORABLY IMPRESSED WITH THE WORK THAT THE TRACTOR CULTIVATOR GAVE AT GIBBON, MINN.; THAT IS IT WORKED BETTER THAN HE EXPECTED IT WOULD WORK, AND YOU ASSURE US THAT THE MEN WHO ARE RUNNING THE TRACTOR FIND IT EASIER THAN DRIVING A TWO ROW CULTIVATOR.

YOU HAVE NOT POWER AT THE PRESENT TIME TO PULL THIS THREE ROW CULTIVATOR UNDER ALL CONDITIONS - THAT WE PRESUME YOU REALIZE. WE WILL GO TO GIBBON AGAIN, AND SEE THE CULTIVATOR AGAIN IN OPERATION AFTER THE CORN IS A LITTLE HIGHER PREFERABLY - THE LAST TIME THROUGH, AND SEE HOW IT WORKS THEN.

WE HAVE THE TRACTOR AND ARE GOING TO CONTINUE TO HAVE IT, MADE SUBSTANTIALLY AS IT IS NOW, AND THEREFORE IT IS VERY FITTING THAT WE SHOULD MAKE OF IT A THREE ROW CORN PLANTER AND A 3 ROW CULTIVATOR, SO AS TO MAKE THE TRACTOR MORE USEFUL ON MANY FARMS
YOU ARE THEREFORE DOING RIGHT

St. Nicholas Hotel, Decatur

187

SINCE 1861 AN INSTITUTION IN DECATUR



On Lincoln Square - 21st Street - Corner First - Home of the Water Club

210 W. 2nd St. City

Kalin
ing
res in com.

cut his street with his tractor. Takes off and



ly criticism of
are too short.
He liked it fine
He has
no hired man
Said he
com. Governor
le.
ear set time
stood up &
owing.
e sitting down
sum of
shall and John
a binder.
n successfully
on account
outlet and
twelve. Governor
oil inlet; it is too
Decatur for
11.

96° Hot & sultry

WEDNESDAY, JULY 6, 1927

187

39

With Ben Kong h, Louie & M. Kabin
left at 6 for Vermont reaching
New Dean at 10¹⁰. He has 60 acres in corn.
at his elbow with his tractor. Takes off and
gets on his cultivator himself. Only criticism of
tractor was shields (parallels) were too short
and corn caught. He said he liked it fine
and wouldn't do without it. He has
20 acres and 2 houses and no hired man
cultivated 30 acres per day. Said he
could handle 130 acres of corn. Governor
had differential brake trouble.

Dean ^{stood up} watched middle row 1st time
over, and 2nd time he stood up &
watched any of the 3 rows.
He stood up for all cultivating sitting down
in turning round at end.

Went to Petersburg to farm of
Frank Talbot. His sons Marshall and John
were using the tractor to pull a binder.
They have planted 85 acres of corn successfully
but only cultivated 10 acres so far on account
of ground conditions. They like the outfit and
are enthusiastic about the cultivator. Governor
troubled heavily. Also wants offset oil inlet; it is to
be an offset wheel front. Drive to Decatur for
night. 290 miles in all today.

and
Take
the
thing

8 acres far day sing 8 am
188 537 miles on this trip
THURSDAY, JULY 7, 1927

*12 cultivator. Rain during night.
Early this morning with La Rue & Rogers we went to see C.L. Veach Decatur Route 5. also his two sons Marvin and Carl. Mr Veach is a very prominent and a very particular farmer. He does not go on the soil unless it is right. He said he had used the tractor considerably for different kinds of work and he liked it. He did not find the check of the cultivator as good as he had hoped for but thought it could be made to work O.K. He said he had never believed in a two row cultivator as a man had all he could do to run and watch a single row. He said he did not think the 3 row cultivator could work. He could see the tractor planter but not the cultivator. He said that the boys could try it but he did not expect to let them cultivate a whole row but would have to tell them to take it out. He had his boys ready to go in and do the job. However the boys did 1 row and then another and then he told them to go ahead and cultivate with the 3 row. He said he was frankly surprised to find out how well the 3 row did and said as did his sons that the cultivator seemed to be O.K. - 92 acres corn planted in 4 fields

Saw Lafayette Funk manager of E.B. Funk farm and John Staley operator of tractor. They both like the cultivator (#12) very much and had no criticism except about equipment and (not that rear shovels on left side went in too deep) (We are releasing corn)
115 acres in corn with 3 row. 150 acres already cultivated.
490 acres in corn all told, promised to use tractor as 2 row on this. Tractor complaint. Pender lugs. Plate on cylinders works loose. main wheel lugs run dry. Too much dust in air cleaner in front position.

FRIDAY, JULY 8, 1927

189

Started fixing cultivator in hard conditions. It is very satisfactory. It now looks as tho we could make what changes are necessary in the cultivator to make it ready for putting on the market.



SATURDAY, JULY 9, 1927

^{Hot}
In Omaha.

In field with new Lister
cultivator in which the seat
pipe slides thru rollers.

Julius Peterson here from factory.
It worked very satisfactorily.
Farrenton, Hoarford, Chapfen, Sing,
in field with Ben Kough & myself.

Corn looks fine here and
well advanced.

Very hot on train coming home.

THE PULLMAN COMPANY			
PASSENGER'S CHECK—To identify accommodations purchased.			
OMAHA to ROCK ISLAND, Ill.			
Lower Berth	8	Car	10
Line No.	Via	R.R.	Passengers
			1 2
		Office	36-2
		FORM	72
			2232

SUNDAY. JULY 10, 1927

191

Kochlers & Iles here for dinner
A fine summer day.

192 94° MONDAY, JULY 11, 1927

H. B. Walker was here today and with Louise went out to see the motor cultivators at Midvale and at Velie's. He was quite impressed.

Evarts has sent me a new radio nearly completed. a 4 tube P. B. Lab. set. It is a beauty and it certainly is kind for him to have done all this. I surely appreciate it.

AY. JULY 11, 1927

TUESDAY. JULY 12. 1927 94° 193

Took Todd out to Joslin to see the motor cultivator. Oppendyk has 150 acres in corn and does all the cultivating with this outfit. He does 30 acres a day and is very much pleased with the outfit.

Harris of Dallas was also out to see it.

Wired up the car radio in evening with help of Paul Beckstrom.

Hot & muggy we need rain

WEDNESDAY, JULY 13, 1927

Kohlmann and Underwood here. Want
#9's & #10 bushbreakers rebuilt.
Also report trouble with Timken
bearings on disc plows.

Was amused at Billy. He
was fussing at the table finding
fault with things in general and in
between breaths singing "Try to be brave
try to be fair".

DAY, JULY 13, 1927

Underwood
backed about
the with
of piano

THURSDAY, JULY 14, 1927

195

Got the radio working tonight.
The first music was the
Philharmonic Orchestra of N.Y.
broadcast over the chain. I never
heard such reception before over
a radio. It was so clear and
sweet and perfectly true.

Underwood & Kohlmann were
up in evening.

all
the piano
musical
with her

196 90 FRIDAY, JULY 15, 1927

This has been a long hot and dry spell.

Re-designing cultivator for near year.

It looks as tho the cultivator had been very successful, all were seen very enthusiastic.

This evening the children graduated from the Daily Vacation Bible school of the First Congregational Church.

Billy made an airplane that was exhibited, and Elise had a doll & bag exhibited.

JULY 15, 1927

70° SATURDAY, JULY 16, 1927

197

Waked on radio most of P.M.

a long list of
the the water
successful
entertainment

children
July
at the
and things
in all cases
to and the
of the

- Cool -

We had a quiet day slow.
 We went to see the Todds in morning.
 At 3³⁰ we with Beluaps & Helen Stone
 went for a picnic at Shady Beach
 Geneva.

Deere & Co. Now Stands Second in Farm Implement World Manufacturing Field

International - Harvester
 Company Still Holds
 First Place

Deere & Co. of Moline now stands second in the farm implement manufacturing business of the world, according to an article which appeared in the financial section of a Chicago newspaper today. The International Harvester Co., with the largest line and volume is first.

Moline has long been known for its manufacture of farm implements and with the entrance of the International Harvester Co. in the community, the city takes its place as the leader for this type of manufacture in the country. The Harvester Co. plans to bring factories here later.

showing net income of six farm
 equipment companies:

Harvester	1926	1925
Deere & Co.	\$22,668,892	\$19,171,240
Case	7,662,850	4,634,567
Case Threshing	3,517,429	2,293,573
Mansey-Har.	1,995,288	1,413,172
Adv-Rumely	440,269	540,317
Emmer-Brant	297,748	215,341
*Deficit.		

This year there has been good buying of tractors, in which Deere naturally has shared. Despite the lateness of the 1927 season, sales of other Deere products are understood to be generally up to standard. On the whole, farm equipment companies this year have found business west of the Mississippi quite satisfactory. It is stated, although there has been complaint of slow business in east.

Among Deere products long reported in special favor in the trade are its manure spreaders and double-row corn cultivators. Deere's tractors, for 1927, have been selling well in the market.

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Following is the article:

Business of Deere & Co. so far this year is characterized by interests close to the company as having been fairly good, with indications that a normal year will be enjoyed.

Farm equipment circles ascribe Deere & Co.'s marked improvement in net showing of recent years in large part to the fact that Deere always has been noted for conservative policies.

For instance, it is believed that the advent of the Communist regime in Russia did not find Deere with any large line of credit there. On the production end the company constantly is experimenting on a considerable scale, but its marketing policy is cautious and it does not put any product on the general market until it is fully satisfied that it will perform properly.

Deere has rounded out its line until next to International Harvester it makes about the fullest line of farm equipment in this country. It also controls companies which produce lumber and malleable casting for its factories.

Deere Stands Second

Deere's position in its field is indicated by the following table,

showing net income of six farm equipment companies:

	1926	1925
Harvester	\$27,458,892	\$18,171,240
Deere & Co.	7,487,850	4,514,567
Case Threshing ..	3,515,479	2,792,673
Massey-Har.	1,936,264	1,413,172
Adv-Hummel	440,265	549,377
Hoar-Hrast	*297,748	*512,941

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Among Deere products long reported to special favor in the trans-act the motor, sprayers, and

Deere's tractors (of 15-27 horse power, pulling three plows) is understood to be going in good shape this year, and it is believed that the company has been unable to fill all orders for it. Deere is now thought to be second in tractor production (excluding Fordsons), with Harvester first and Case third.

All-Work Tractors

Company is putting out this season a few all-work tractors, designed for row-crop cultivation and general farm purposes. The tractor, which apparently is still partly in the experimental stage, is said to straddle one row and cultivate three rows, and to be of 10-20 horse power. It is intended, of course, to compete with Harvester's Farm-all tractor, which has met with good reception. In trade circles there are reports that J. I. Case Threshing Machine Co. is also working on plans for a general purpose tractor.

Deere is bringing out a few experimental combines this year. When quantity production is attained on these machines the company will make practically a full range of farm equipment with the exception of threshing machines.

198

SUNDAY, JULY 17, 1927

We had a great day also.
We want to see the fields in morning
at 3:30 see with Reddick & Hill the
went for a picnic at Sandy Creek
Savannah.

MONDAY, JULY 18, 1927

199

You better seem to fall one
page gotten the cutter in very
good shape and think we shall
try selling more on two rows.

Y. JULY 17, 1927
The
Fordson
Cultivator
to
the

MONDAY, JULY 18, 1927

199

89.

Mr. Webber seems to feel we have gotten the cultivator in very good shape and thinks we should try selling some as two rows.

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TUESDAY, JULY 19, 1927

All day with The International
Congress of Soil Science delegation
which 175 in number were guests of
Duce Co for the day. Elise & I
both spent the day with them
& we met some very interesting people
Dr. Keen. Sir John Russell etc.

W. JULY 19 1927

WEDNESDAY, JULY 20, 1927 201

Muggy again.

The redesign of the motor cultivator progresses. Saw movies today of cultivators. They give a comprehensive idea of the outfit.

Had X Ray taken of the relay tooth put in last yr. It is O.K.

THURSDAY, JULY 21, 1927

First rain for a month

Kouss, Park, Strandlund, Humason & I went to Joelim to see the cultivator at the Oppendyke farm. They expect next year to let a hired man go and buy another of these outfits at raise 300 acres of corn. One man is now cultivating 150 acres getting over 40 rows a day. They will be cultivating for the next two weeks. We were drenched to the skin coming home as we got stuck in the mud and had to be hauled out.

In afternoon had a tooth out (near lower wisdom tooth) It took 40 min. and in evening my jaw was very sore.

Dempsey-Sharkey fight
Dempsey winning by a knockout
in 7th round. (heard it
over the radio)

JULY 21 1927

FRIDAY, JULY 22, 1927

203

Cool weather again. fine change.

Charlie Weiman got home today
after being abroad nearly 3 mos.

SATURDAY, JULY 23, 1927

Ted Johnson left on his vacation today but the drawings for patterns changes on motor cultivator are completed.

JULY 23 1927

SUNDAY. JULY 24 1927

205

A fine day at home until 3³⁰.
However called on Todd & Woodruff
in morning.

My 33rd birthday. We were
her guests at Fairview for a
4 o'clock dinner. Later we went
to her house.

206

MONDAY, JULY 25, 1927

nothing much today.

Y 25 1927

TUESDAY, JULY 26, 1927

207

Director's Meeting.

All afternoon at Combine in Geneva.

10' Binder and shaker, also
motor cultivator at Joslin.

Showed maps of cultivator.

94°

Directors meeting all day.

Very favorable comments on cultivator
& planter. It is thought that it
will prove to be a winner.

Voted to pay $4\frac{1}{2}\%$ this quarter.

If this is done for two more times
the back dividends will be paid up.
Profits & sales since Nov are a little
ahead of last year, consequently the
best we have ever had.

Called on Stokes in evening.

THURSDAY, JULY 28, 1927

209

94.

Very hot sticky and uncomfortable.
Tried 3 plows in field to see which
makes best job for Model C tractor.

This hot weather makes us want to
get away. We are planning to
motor east. We hope that Helen Stone
is going along too.

At Directors Meeting yesterday
Charlie Weinsau told the board (I
happened to be out of the room at the
moment) that when he went away
the last of April the cultivator
for the tractor seemed to be the
most difficult problem and the
one furthest from perfection. Now
he finds that the cultivator is ahead
of the planter or tractor. Being
behind he told the board was due
to my having had to be so tied
up with the Corn Borer work.

Todd told me this; he seems
very much pleased too.

FRIDAY, JULY 29, 1927

A letter from Amy says that
mother's blood pressure is 220
and that she must be very
careful of her diet.

JULY 29, 1927

... says that
... is 200
... of it ...

SATURDAY, JULY 30, 1927

211

C. C. Reed was here today to see about corn binder work especially on low cut corn binders. As Paul and Carlson are in San Antonio now with this outfit we suggested to Reed that he go to San Antonio to see for himself. Charlie & Helen Stone, Elias & I drove him to Salsburg to get the 2:19 P.M. train. Later we had dinner at Hawkrobes in Neamouth - a fine place to eat.

SUNDAY, JULY 31, 1927

A picnic today near Le Clair.
It was rather hot, thunder shown
towards evening.

JULY 31, 1927

MONDAY, AUG. 1, 1927

213

Murray back from Canada.
Pais in Timber Bearings
pull thru, the head letting go.

Tried a spring relief for
surface cultivator rakes.
demonstrated by William Miner
Bradford Ill. We did
not see very much to it.

I had Murray bring back
Hudson Bay Blankets ¹¹ 15.50

TUESDAY, AUG. 2, 1927

Cool only 64° all day.

This evening Elise let Hazel
entertain her club at our house.
Some preparations.

AUG. 2 1927

WEDNESDAY, AUG. 3, 1927

215

We are now expecting to start
restoring east Friday August 12th
Helen Stone taking her car and going
too.

THURSDAY, AUG. 4, 1927

Trying to get K.C. cultivator
or #5 plow cleaned up
for production.

FRIDAY, AUG. 5. 1927

217

Reed and Paul back from Texas
with report on low cut corn binder.

Shows signs of working.

Hornburgh here at our invitation to
see changes we have made in K.C.
cultivator. These were C.P. axles. Less
slip in rig bearings and pendents.

This did not seem to make any hit at
all with Hornburgh. I could see he wanted
a chain shift. I said we will put one on
and have it ready for you at 3 this P.M.

We did and he was very enthusiastic
and thought we now had a cultivator.

Aunt Alice Lange with mother Kochler
Oty & Mal were here for dinner
at night.

SATURDAY, AUG. 6, 1927

Hillebrand came at 2.

Hornbough telephoned wanting me
in Mpls. I told him I would be
there Wednesday. It is on K.C.
cultivator. ^{14.} ^() annoying situation

THERE are 4 kinds of people living
in the British Isles. The Scotch-
man who keeps the Sabbath and every-
thing else he can lay his hands on
during the week; the Welshman who
prays on his knees on Sundays and on
his neighbors during the week; the
Irishman who doesn't know what he
wants and wont be happy until he
gets it, and the Englishman who
boasts that he is a self-made man
and worships his creator."

SUNDAY, AUG. 7, 1927

219

Terribly hot and oppressive.

In morning we went over to the Kils to say "goodbye" to them. They go to Sioux Falls tomorrow. Then we went to see Helen Stone. She thought she could not get anyone to go with her so she thought she could not go on the trip with us. But Mrs. Buxton Peck is going so we are happy. We left the dog at the farm.

In afternoon we went to Davenport after hearing The Prince of Wales over the radio.

Went to see Chang.

Chair shift on K.C. Finally
got one that looked pretty good.
It looks as tho' ^{it} ~~it~~ are would
be parked in front of our place.

Called on Todds.

The Josephs came in later
to play bridge.

Letters from Amy & Kate.

Kate will probably leave
for Peking sailing Sept 13.

It is possible father & mother
may go too.

AUG. 8, 1927

TUESDAY, AUG. 9, 1927

221

Les Schutz here all day
 Decided to build #5 plow
 with plow beam brace over the
 rear end. New rear lift and new
 furrow axle, also new land lever
 linkage for more uniform lift
 Tried new #5A in field, also
 new #40 and plow Cameron has
 made for Model C tractor.

THE PULLMAN COMPANY
PASSENGER'S CHECK—To identify
 accommodations purchased.
MOLINE to MINNEAPOLIS, Minn.

Lower Berth 10 Car 20

Line No. _____ Via _____ R.R. _____

Passengers 1 2

Office 25-82

FORM 4 | 603

WEDNESDAY, AUG. 10, 1927

- At Minneapolis on K.R. Cultivator.
- The chain shift we brought with us seemed to please everyone. We should do the following:
1. Better stub axle fastening,
 2. Better fit in pipe of axles
 3. See about bearing of pole
 4. Breakage of some castg. cross bar or frame.
 5. Looseness in sq. shaft of lever arches
 6. Use cold rolled axles.
 7. Use chain shift.
 8. Take slop out of rigo
 9. Use K.H. Pendants.
 10. Consider 30" pole length.

<p>THE PULLMAN COMPANY PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.</p> <p>MINNEAPOLIS, Minn.</p> <p><i>By Marie</i></p> <p>Accommodation <i>3-5-6-20</i> Car <i>20</i></p> <p>Line No. Via R.R. Property taken into car will be entirely at owner's risk.</p>		<p>3696</p> <p>Office <i>27-1</i></p> <p>Passengers <i>1 2 2</i></p> <p>Rate <i>190-5</i></p>
--	--	--

THURSDAY, AUG. 11, 1927

223

A very busy day at the shop trying to clean up everything possible.

Signed application for power lift on a cultivator like the Fairall.

Decided on changes on #5 floor and the K.C. is underway.

It looks as tho' it would cost us \$605 to pave in front of our house.

224

FRIDAY, AUG. 12, 1927

MILEAGE

We start
good to

We re

215 mi

are c

car.

We had apartment 201 at the Shorecrest
a large fine place. We had 6 beds and
lots of room. \$12.00. It is a fine place.



THE SHORECREST HOTEL

Hathaway Place

Milwaukee

FRIDAY, AUG. 12, 1927

MILEAGE OF CAR 11420

We started at 8⁴⁰ AM. raiing but
good travelling weather.

We reached Milwaukee at 4⁴⁰
215 miles.

Mrs Stone & Mrs ~~Chautau~~ Pack
are coming with us in Mrs Stone's
car.

We had apartment 201 at the Shore Crest
a large fine place. We had 6 beds and
lots of room. \$12⁰⁰. It is a fine place.



THE SHORECREST HOTEL

Hathaway Place

Milwaukee

AUG. 12, 1927

16

SATURDAY, AUG. 13, 1927

225



countless anonymous
 had headlights. Reached
 the Parkland at 8⁵⁰ P.M.

Hotel Parkland



AN ENTIRE CITY BLOCK OF HOSPITALITY
 Grand Rapids, Mich.

AUG. 12, 1927
SATURDAY, AUG. 13, 1927

225

We called on Eleanor Bloodgood
in her new home.

At 12 we sailed on the
Crosby from Milwaukee to
Muskegon. We landed at
30 and drove to Grand Rapids
about 47 miles. We met
countless automobiles with
bad headlights. Reached
the Parklund at 8 50 P.M.

Hotel Parklund



AN ENTIRE CITY BLOCK OF HOSPITALITY
Grand Rapids, Mich.

SUNDAY, AUG. 14, 1927

Left Grand Rapids at 7:45
and drove 263 miles largely
over gravel roads some of them
poor with bad turns to Port
Huron (192 m) and then to London Ont
263 m. Had a furniture at
Owosso.

Stayed at the Tecumseh. A comfortable
old fashioned hotel.



The
Tecumseh
London, Canada.

MONDAY, AUG. 15, 1927

227

Drove from London to Toronto 130 m.
Lunched at Hamilton. A beautiful
ride all day long by the waters of
Ontario. Staying at the Queens an old
hotel to be torn down in 3 weeks. The new
station was opened here last week by
the Prince of Wales. The Hendersons
(Dorothy Stott) took us to their home
our children being crazy about a bicycle
there.

Henderson Percy r Snowden.....HU diaon 1354
Henderson Q B r 14 Lynnwood.....HI Herest 4323
Henderson R r 803 Gerrard e..GE rrad 6182-M



228

TUESDAY, AUG. 16, 1927

40 Cols. Bus so far + 8 for today

This morning we spent shopping
at Eaton's. 3 sweater coats at 6.95 ea
Sweater @ 5.93 E. jr. Sweater E. Sr. 10.00
Coat Billy 13.50, Elise jr 17.50. Middy Skirt 17.50 + 98
Keds, pair & tan at Hamilton for E. jr. 5.50.

We left Toronto at 3¹⁵ P.M. & drove
118 mi to Belleville



AUG 16 1927

WEDNESDAY, AUG. 17, 1927 229

+79^{als.} We started at 8⁴⁵ and made the trip to Montreal 250 miles arriving there at 6¹⁵.

It was a wonderful trip in sight of the St Lawrence River all the way. There were countless beautiful places along the way. Many stone houses and court yards. We lunched near Brookville



of an old stone that was formerly there were steamers of them, and lots of locks and rapids were many in sight. The Montreal is wonderful, suburbs winding to waters edge. I was so fortunate to get here today.



MONTREAL, CANADA

WEDNESDAY, AUG. 17, 1927

229

+19^{ds} We started at 8:15 and made the trip to Montreal 250 miles arriving there at 6:15.

It was a wonderful trip in sight of the St. Lawrence River all the way. There were countless beautiful places along the way. Many stone houses and court yards. We lunched near Brookville where a ruin of an old stone windmill was that was formerly a distillery. There were steamers passing, many of them, and miles and miles of locks and canals. The rapids were many and a beautiful sight. The entrance into Montreal is wonderful there many French suburbs winding along right on the water's edge. Montreal is crowded with tourists and we were fortunate to get a place to stay.



MONTREAL, CANADA

70 gals. 1275 miles.

THURSDAY, AUG. 18, 1927

We left Montreal at 8²⁵ daylight saving time and had a most interesting trip to Intervale 239 miles.

It was a rather hard ride as the road is crooked but it was beautiful all the way. We found Knowlton an interesting summer place in Canada.

We reached Intervale at 5²⁰.

It was so good to see all the dear family and it was good to see

Amelia C. Stahl called Cousin ^{my}

Mrs Merriman is very poorly and is in her room. After an operation her strength seems to return very slowly.

INTERVALE
NEW HAMPSHIRE
BOX 122

FRIDAY, AUG. 19, 1927

231



It is cool and delightful here. Cousin Amy gave me a Roman sage of 300 B.C. beautifully mounted in a leather case. She said it was from cousin Frederick who was very appreciative of what we did in sending food during the war.

Cousin Amy looks old and as tho she had seen a great deal of suffering.

In afternoon with Mrs Allen went to Wolcott to see the dogs that are going to the south pole.

SATURDAY, AUG. 20, 1927

A good climb up White Horse Ledge
or Cathedral Ledges. with Amy Kate
the children, Hardenburgs, and Clarence
Zantzen.

Cousin Amy left for Worcester
today.



SUNDAY, AUG. 21, 1927

233

With Clarence Zantinger
climbed Moat and came down
Red Ridge. It was my first real
climb and I was glad to find
I could get up without too much
difficulty. How good the brook
water tasted on the way down!
It took 2⁴⁰ hrs to climb Moat.
There are bears on Moat as a hunter
told us.



MONDAY, AUG. 22, 1927

We went to Portland today (70 miles)
Mother and Kate did shopping
while Elsie, my father, Mrs Allen & I
drove all about Portland and had
lunch at Westcotts Inn
Yamouth Foreside about 11 miles east
of Portland. The Seattle was in Portland
harbor. It is delightful in Portland
I should like to stay sometime as
long as I wanted in such a place.



WED. AUG. 22, 1927

Patricia today
ate her lunch
& (after she
finished) and
went to the
beach. She
was very
happy and
went over to
the boat
with her
mother.

TUESDAY, AUG. 23, 1927

235

Feeling relaxed and lazy. Glad to do nothing today. Swam with Elise & children in afternoon.



WEDNESDAY, AUG. 24, 1927

Climbed Kearsarge as far as
the trail led



THRU THE BIRCH ROAD, INTERVAL, N.H.

DAY, AUG. 24 1927

1927

237



inger & his
bed Chosana
il (2 hr 20 min)
(120)

and the climb

at Mrs Emersons

at Mrs Merriams
(near Mendocino)

of 2 daughters

They have a summer home at
Rowley near Ipswich and I was
much interested in learning of



THURSDAY, AUG. 25, 1927

237

With Clarence Zantzingen & his
friend Fawcett climbed Chocoma
up the Westamoo trail (2 hr 20 min)
and down the Piper (120)

It was a fine day and the climb
did not tire me.

Later a tea at Mrs Emersons
for Kate.

Then dinner at Mrs Merremians
for Rosalind Greene (nee Hurdshofer)
her husband Harry & 2 daughters
They have a summer home at
Rowley near Ipswich and I was
much interested in learning of
their buying some land on Plum
Island. I might be able to get
in on a share at \$500. I have
 $\frac{1}{2}$ miles of shore.

FRIDAY, AUG. 26, 1927

In afternoon Elsie, Kate
 Clarence Zantzing & I walked
 and rode. We saw Putman creek,
 Bartlett Boulder, Vericho



Winter, Woodstock, Vt.

PHIL CURTIS

nt here

AT. AUG 26 1937



239

small
black
line

mountain road where we ate lunch.
We were together $2\frac{1}{2}$ hrs. It was fine.

- Wm J. Brown
- Kate C. Brown
- Amy Brown Loomis
- Evarts G. Loomis
- Evarts G. Loomis Jr.
- David G. Loomis
- Kate Greene
- Elise K. Brown
- Theo. Brown
- Elise M. Brown
- Bill W. Brown

Amy and her
family all
arrived at
4:15 P.M.



SATURDAY, AUG. 27, 1927

239

at 7:15 mother, father, Elise, small
lice, Billy & I drove to Bethlehem
here we met Phil, Marjorie, John &
Marjorie Ann. We were in the rain
but found a leaky garage up on a
mountain road where we ate lunch.
We were together $2\frac{1}{2}$ hrs. It was fine.

Wm J. Brown
Kate C. Brown
Amy Brown Loomis
Evarts G. Loomis
Evarts G. Loomis Jr.
David H. Loomis
Kate Greene
Elise K. Brown
Theo Brown
Elise M. Brown
Billy W. Brown
NED + KATHERINE

Amy and her
family all
arrived at
4:15 P.M.

are all together - it is
delightful.

SUNDAY, AUG. 28, 1927

Hosscroft Inn A rainy day.
Interbale We all went to the
New Hampshire ← for dinner.
Took mother for a drive
in late P.M.



DAY, AUG. 29, 1927

MONDAY, AUG. 29, 1927

241

Two car loads of us went to Randolph where we had lunch on Dorothy Young's piazza, altho she was not there. Later we walked up towards Kings Ravine.

Mr. and Mrs. Theo Brown of Moline, Ill., are visiting their parents, Mr. and Mrs. W. T. Brown at their summer home.



TUESDAY, AUG. 30, 1927

Evans, David. E. Jr., Bliss & Billy
 & Mandenboughs climbed the Glen
 Boulder Trail to the boulder. The
 trail was very wet and the climb
 steep & wet.

Eliel and I saw Mrs Merriman
 for a few minutes. It is the first
 time we have seen her on this trail.
 She has to be very careful. yet she
 seemed as ever. bright and interested.

BARK BARK
 FROM THE
 GLEN BOULDER
 TRAIL



GLEN BOULDER

SDAY, AUG. 30, 1927

Handwritten notes on the left margin of the page, partially obscured by the notebook's binding.

WEDNESDAY, AUG. 31, 1927 243

*Amy, Ewato, Kate, E. J. Elises (c) Billy & I
went bluebonneting on Hurricane.*



*in pleasure
d to
felo
at there*

PICNIC AT ECHO TBEACH



PICNIC AT GLEN BOULDER AUG 30 -

WEDNESDAY, AUG. 31, 1927

243

Amy, Evans, Kate, E. J. Elises (2) Billy & I
went blueberrying on Hurricane.

We picked 11 quarts. It was a pleasure

Had Buick fixed today. It seemed to
have lost its pep. Points bad & tappets
too close.

Picnic at Echo Lake. Youngsters all there

PICNIC AT ECHO BEACH



PICNIC AT GLEN BOULDER

AUG 30 -

THURSDAY, SEPT. 1, 1927

A quiet day around the house.
Rain more or less.

Went with Potter for a ride in
late P.M.

8 of us at dinner at Mrs Messeriman's
but Mrs M. could not appear.

Ned & Katherine are adorable
children.



FRIDAY, SEPT. 2, 1927

245

Rain all day.
This week has
been a rainy one
Took these group
pictures this
morning.



Ewatts Jr has
not been well so
Amy is going home
with Ewatts & the
boys tomorrow and then meets
Kate in Montreal next Thursday to go
to Victoria with her.





T. 3, 1927

boys left
morning at
Towards

ather Elise
terford Me
dgeton 40 mile
ages.
esting place
so place
ey has collected
hardware from
tel & Soham



SATURDAY, SEPT. 3, 1927

Arny, Everett and the boys left
in their Wash this morning at
6:30 to drive as far towards
Newark as they can.

At 1 P.M. mother, father, Elise
& I drove to Waterford Me
thru Fryburg & Bowdoin 40 miles
to call on the Hovey Sages.

This is a most interesting place
It was Hovey's grandfathers place
Dr. Leander Sage and Hovey has collected
many many old pieces of hardware from
neighborhood. Home was Bethel & Soham
72 miles. 112 for trip



SUNDAY, SEPT. 4, 1927

247

We had a fine picnic at the Swift
River in the Albany Interlake. Mrs
Allen, Mary and her guests joined us. Family



T.H. GAGE RES. WATERFORD ME. 6A.

Seems
arrived
yesterday
to see
Kate.
So she
came
along.
Dorothy
Merriman
called
in P.M.

Word
from
Helen
Stone
asking
us
about
picnic
for
going
leave

MONDAY, SEPT. 5, 1927

An old woman there was in Moline
 Whose musical ear was not keen;
 She said 'Ain't it odd
 That I cannot tell 'God
 save the Weasel' from 'Pop goes the Queen'

LABOR DAY

Glorious weather at last.

Mt. Washington is at its best. Dr. Nichols
 started for his 9th trip there this morning.

We packed this morning and have
 sent 5 packages home, 4 by express & 1
 by parcel post.

We have seen Mrs. Merriman but
 once since we have been here.

She is much confined to her room
 and can see but few.

It is beautiful up here. The pines
 and white birches are very restful.

The people here are the real kind.
 neighborly and so worth while.

Mother & father are held in
 very high esteem here.

MILEAGE 13531

INTERVAL
TUESDAY, SEPT. 6, 1927
NEW HAMPSHIRE

249

147 miles to Woodstock.

We left at 9⁴⁵ this morning taking Fanny
Scene as far as Franklin, on her way to
Peterboro.

It is always hard leaving and this time
it was just as hard. Seventeen of the



then went well

Woodstock, Vermont

LAKOTA CLUB

SUPPER SEPT 6

WEDNESDAY, SEPT. 7, 1927

We left Woodstock at 7:45
and drove thru Rutland, Putney,
Brawville, Comstock, Saratoga Springs,
Ballston Spa, Amsterdam, Fonda,
Little Falls, Utica, Rome, Oneida,
Syracuse and then to Seneca
Falls, 311½ miles. It
was a long day, but
an interesting one! We
reached Seneca Falls at 8:10 P.M.
Had some heating trouble of car
which bothered.

The
Hotel Gould

Seneca Falls, N. Y.



WEDNESDAY, SEPT. 7, 1927

We left Woodstock at 7:45
and drove thru Putland, Putney
Granville, Comstock, Saratoga Springs,
Ballston Spa, Amsterdam, Fonda,
Little Falls, Utica, Rome, Oneida,
Syracuse and then to Seneca
Falls, 311½ miles. It
was a long day, but
an interesting one. We
reached Seneca Falls at 8:10 P.M.
Had some heating trouble of car
which bothered.

The
Hotel Gould

Seneca Falls, N. Y.



DETROIT & CLEVELAND NAVIGATION CO.

OPERATING BETWEEN
DETROIT AND CLEVELAND DETROIT AND BUFFALO
DETROIT, MACKINAC ISLAND AND CHICAGO

ON BOARD STEAMER
GREATER DETROIT

THURSDAY, SEP

D. AND C. NAVIGATION CO.
PASSENGER'S CHECK

To identify accommodations purchased

BUFFALO TO DETROIT

STATEROOM

No. 6 \$4.20

STEAMER SAILING 9-8-27

4128 40328



THURSDAY. SEPT. 8, 1927

251

D. AND C. NAVIGATION CO.

PASSENGER'S CHECK

To identify accommodations purchased.

BUFFALO to DETROIT
STATEROOM

No. 6 \$4.20

STEAMER SAILING 9-8-27

No. Persons
1 2 3 4

FORM
412 40526

*Buffalo thru
We
resched the
at 1 P.M.
in transportation*



THURSDAY, SEPT. 8, 1927

251

122 miles to Buffalo thru
Geneva, Batavia. We
started at 8⁵⁰ and reached the
wharf at Buffalo at 1 P.M.

After arranging for transportation
of car we met the Haywoods of
Arenport. We shared a car
and drove to Niagara Falls
over the Peace Bridge. We
put on rubber coats boots etc
and went down the tunnel
under the falls. Came back on
the American side. A delightful
trip.

At six we left on
"The Greater Detroit" a magnificent
boat 550 feet long. Helen Stone
was on the boat and we
are glad to have her for the
rest of the trip home.

The boat trip is a real
success.

FRIDAY, SEPT. 9, 1927

We reached Detroit at 9 and in half an hour got our car. It was an interesting trip thru Detroit & Fordson to Dearborn. Great changes since I was there 5 years ago on the Ford business. The air is hot & sultry a great change for the worse.

We came thru Ypsilanti, Clearwater, Jonesville (where I bought an arrowhead, to Elkhart, South Bend & to La Porte 219 miles.

ABSOLUTELY FIRE PROOF

e Rumely

OPERATED BY THE
HOTEL COMPANY

ndiana.

FRIDAY, SEPT. 9, 1927

We reached Detroit at 9 and in half an hour got our car. It was an interesting trip thru Detroit & Fordson to Dearborn. Great changes since I was there 5 years ago on the Ford business. The air is hot & sultry a great change for the worse.

We came thru Ypsilanti, Clearwater, Jonesville (where I bought an arrow head), to Elkhart, South Bend & to La Porte 219 miles.



ABSOLUTELY FIRE PROOF

The Rumely

OPERATED BY THE
WOLF HOTEL COMPANY

La Porte, Indiana.

FRIDAY, SEPT. 9, 1927

Left Detroit at
half on bus
to
Detroit
East
5
The
with
27

MILEAGE — 14575-11420 = 3155 miles on trip

SATURDAY, SEPT. 10, 1927 93° 253

WHEELING TRUCK
Rumney
OFFICE OF THE
AT WHEELING, W. VA.

MILEAGE — 14575-1460 = 3155 miles on trip
SATURDAY, SEPT. 10, 1927 93. 253



200 mother Aug 29
SUNDAY, SEPT. 11, 1927

Very hot, sticky & muggy.
Very busy all day getting unpacked.
Outing Club for dinner.
Called on Todd in late afternoon.
Wrote Phil & Uncle John.

Aunt Clara's funeral was today.

CLARA A. CURTIS

Mrs. Clara A. (Nash) Curtis, wife of John D. Curtis, died at her home, 25 Kenwood avenue, this morning. She was born in New Orleans, Nov. 7, 1850, daughter of William and Sarah J. (Smelser) Nash. She is survived by her husband, a son, Philip N. Curtis, and a daughter, Mrs. Charles Baker. Funeral services will be held at the home, Sunday at 4.30. Rev. Donald N. Alexander will officiate. Burial will be in Rural cemetery.

MONDAY, SEPT. 11, 1927

take a message
I will be there
I'll be there
I'll be there
I'll be there

My friend

Table 6. 1927
are a table with
a table with a
table with a
table with a
table with a
table with a
table with a
table with a
table with a
table with a

MONDAY, SEPT. 12, 1927

255

And even miss your tea

out
ed
good
that
ing

My Daddy Dear you work so hard

On vacations never go

But if for our own pleasure.

You will go in ice or snow

You always give me the things I like

No other Daddys do

And when I said "A two wheeled bike

You said "Theres enough for you.

You as a stamp collector

And as patient as a mule

You'd take a page out fifty

Times

And even miss your tea

TUESDAY, SEPT. 13, 1927

96° - 74°

Still the weather -
Swim in the Sordo Pool.

McLay is having a hard time
to keep the right balance and
power in the model C tractor.

It is too high and too light in
front for plowing.

It may be necessary to lower the
clearance from 24" to 22".

Kate sailed for China today
on the President Pierce from
Victoria B.C.

WEDNESDAY, SEPT. 14, 1927

257

94°-74°

Weights Farmall as tractor only
full empty

Total	3750 lbs	3600 lbs.
Front wheels	1275 lbs	1225 lbs.
" rear "	2450 lbs	2350 lbs.

Draw bar 30" behind center of Drive Wheels
" " 16" above ground.

seat 18" rear of center of Drive wheels

Saw in Good's pool in
late P.M.

In letter from mother who went
to Worcester for aunt Clara's
funeral, she says that
uncle Ed is very poorly
and weak.

THURSDAY, SEPT. 15, 1927

97°-74°

The worst yet for weather.

In afternoon saw the first
trial of Max Sklovsky's bumper
for corn loan contest.

There is a lot to do yet to
perfect it.

THURSDAY, SEPT. 15, 1927

FRIDAY, SEPT. 16, 1927

259

88-70

Started work on paving 9th Ave in front of our house; that is the excavating work started.

In field with Max's burner again. It looks pretty good.

Mr C. E. White died this evening.

SATURDAY, SEPT. 17, 1927

96°
Still just as hot and muggy.
This has been a bad week for
hot weather.

A foreman's club picnic in
afternoon.

Amy telephoned from Chicago
on her way home from
Victoria B.C. where she
went with Kate and the children
to get them started for China.

SUNDAY, SEPT. 18, 1927

261

The terrific hot spell ended
last night with a thunder shower.
1 1/2" rain. This hot spell
was the hottest 17 days ever
recorded for September.

We called on Todd in morning

Olives mother here for dinner
& supper.

MONDAY, SEPT. 19, 1927

48° - 66°

McCoy here this morning. It is a serious situation that the tractor in plowing is light in front.

We are going to try to get along with 22" clearance, in order to give more length and more weight in front. A lack of power and a high center of gravity on side hills has been noticeable.

Mr. C. E. White's funeral in afternoon which we attended.

MONDAY, SEPT. 19
-66
This morning
noticed that the
is full of
on to the
checked in
and
Alfred
of
has been

TUESDAY, SEPT. 20, 1927

263

Cotton picker meeting in morning
I.H.C have announced full line
of cotton harvesting machinery.
We are working on stripper &
are considering spindle.

With Stone & Paul
left for Toledo to attend
corn boom conference.

Saw the Geo Peeks on train

THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.

CHICAGO, ILL.
From.....
TOLEDO, O.
To.....
Accommodation..... Car..... **10-1524**

Line No..... Via..... R.R.
Property taken into car will be entirely at owner's risk.

Office **25-83** **2251**
Form **100-1**
Passengers **1 2 3**

WEDNESDAY, SEPT. 21, 1927

About 200 attended the Corn Borer Conference. We were taken to see demonstrations of machinery, Field ensilage cutters, & lowcut binders.

Then to infested fields. The infestation in these bad spots is less than last year but in all the country there are 70% more borer. If the clean up had not taken place there would have been a 50% increase. It is now thought that the corn borer can be controlled but not eliminated so as not to cause commercial damage.

Had Wathly, Bray & Reed for dinner. Rode with Caffrey. Flaming is not now considered a new all. Saw Ludger
I.H.C. new floor #8. 22 1/2 degrees up
and 21" fore & aft. 50# less than old.

THE PULLMAN COMPANY		PASSENGERS	16-10-A	FORM 14
PASSENGER'S CHECK — To identify accommodations purchased.				
DETROIT to CHICAGO, Ill.		1	2	4899
Lower Berth	8 403			
Line No.	Via	R.R.		

WEDNESDAY, SEPT. 21

traded the low for
the case taken to
I remember
I cannot believe
that before
time had not
last year
water this
by clean
this could be
it is not
the low for
hot at home
some interest
price of the paper
Chicago
all
of 20
56

THURSDAY, SEPT. 22, 1927

265

There were 80 sleeping cars left Detroit
for Chicago last night. The century
came in in 7 sections, all on
account of the Dempsey Trumey fight
tonight. Chicago is crowded.
Left for home at 10 AM.

Listened to the fight over the radio.

Elise Jr. started at
St Katherines today

ELISE COMPANY
4000 N. ...
CHICAGO, ILL.
1927

FRIDAY, SEPT. 23, 1927

In field with motor cultivator to see what effect 100 pounds additional weight will have on steering and turning around. Could not see any in the comparatively soft ground we were in. This is a relief as we were afraid of the added weight.

FRIDAY, SEPT. 23

with water culture
at effect of
water will be
at time
on the
at
at

SATURDAY, SEPT. 24, 1927

267

Tried tractor cultivator again with 200 lbs on front axle. It still worked pretty well.

Concrete poured on 9th Ave today with exception of small area near our drive.

Dinner at Joe Hechts.

SUNDAY, SEPT. 25, 1927

Mother Koehler & Herb here
for dinner, and everyone else
here in afternoon. Some crowd
with all the children.

Church in morning.

NDAY. SEPT. 25. 1927

Kalber's Hub
and company
Hesperus. Some
the children

in morning

MONDAY. SEPT. 26. 1927

269

Rain and cold.

The last concrete was poured
this morning to finish the
paving of ninth avenue.

Talked with McKay twice
about the amt of weight
needed to hold down front
end of model C tractor.

Now looks like 300 or 350 lbs.



TUESDAY, SEPT. 27, 1927

Have a cold which makes me feel rather miserable.

Director's meeting in morning. It was suggested that Leonard Neighbor spend 6 weeks in the south investigating cotton pickers, to determine if we should develop a spindle type picker. It is thought that the stripper has already arrived.

Little Katherine when Ned was asked what red & green made piped up "Christmas".

THURSDAY, SEPT. 27

WEDNESDAY, SEPT. 28, 1927

271

Still more rain. Cold makes
me of little account.

[Faded handwritten notes on the left edge of the page, partially obscured by the gutter.]

[Faded handwritten notes on the left edge of the page, partially obscured by the gutter.]

With Charlie Winan all morning on all crop Model C tractor.

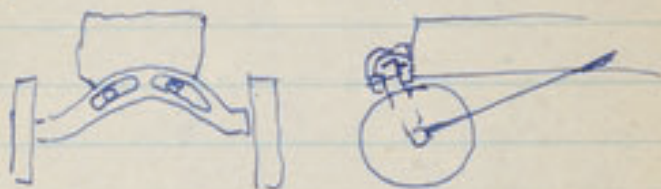
Suggested more width to radiator which looks good we made a wooden model which helps. Also working on linkages & pivots for front axle.

Billy asked his mother "what was your most embarrassing moment." I asked Billy what his was and he replied "I never had any."

FRIDAY. SEPT. 30. 1927

273

Made a model of front axle
for tractor that has
the effects of low pivot
point and high clearance.



The model seems to work.
Expect to go to Waterloo
for Monday.

called on Stones in evening

SATURDAY, OCT. 1, 1927

Shipped parts to Waterloo to
make radiator wider and also
to change front of front axle.

Got the new Pontiac today
paid \$655 allowance of \$225
on Dodge making \$880. in all.
with bumpers extra tire etc.

200630 MOTOR NUMBER

SATURDAY, OCT. 1, 1927

*Wrote to Mother
about car and
part of part of
car
from
from*

NOTE: NUMBER

SUNDAY, OCT. 2, 1927

275

*Cutting clubs for dinner
Church in morning*



THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.

From *Molen*
To *Westerlo*
Accommodation *1st* Car *24*

Line No. Vis. R.R.
Property taken into car will be entirely at owner's risk.

Office 25-83
Form 100-6
Passengers 123
3842

MONDAY, OCT. 3, 1927

All day at tractor works. Found McRay was very much subdued. He looks tired. The model for making tractor wider at rear axle appealed to him and they will do it. The two main problems are

1. To hold down front end of tractor in lumpy ground
2. To prevent cocking of front axle

They got 25 HP on brake test today on new model C. They have built a device for testing stability of tractor on hillsides both up & down & sideways. McRay needs encouragement and I think I was able to help him some.

WEDNESDAY, OCT. 5, 1927

Gray, Hedin & Cross from the U.S. Dept of Agriculture were here today to see our developments in corn boer machinery. They saw the saw shredder on a combine and the burner.

Frank Silloway said that he would rather wait a year than not have the general purpose tractor. It will take that feature to make a small tractor saleable.

THURSDAY, OCT. 6, 1927

279

More rain.
Nothing much today.

A certain claimed that he could and had talked to the various animals.

His friend asked him if he had ever talked to a lion. "Yes" was the reply. "I have talked to a lion," "Even to a zebra", "Yes" again from the man. "Did you ever speak to a skunk?" "Yes I have spoken to a skunk." "Well," said the man, "the next time you speak to one ask him what's the big idea."

FRIDAY, OCT. 7, 1927

Working on the idea of raising and lowering frame of model C tractor. We do not seem to like the swinging of the rear frame axles.

Heard Mr. Call on the "Revolt of Asia".

SATURDAY, OCT. 8, 1927

281

Worked out the idea sketched
below for increasing dia of
rear tractor wheel.

McCray telephoned results of stability
model C. 24" 30° angle balances.

" " 22" 40° " "

" D 43° " "

" C 22" 20° 8' rear bar 5755° to left p.

" C 24" 20° " " 2825° " " "

150 lbs on seat

1/2 full fuel.



Oct 8 '27

Thought of this idea
for increasing dia of wheels
of model C tractor to
raise clearance for cultivating

SUNDAY. OCT. 9. 1927

We had a fine quiet day at home. Called on Todds but did not go to church. It was luxury. The children both have colds & I am just getting the better of one.

SUNDAY, OCT. 9

*for note
Lohman
at the hotel
at Ellipsis
at the
to me*

MONDAY, OCT. 10, 1927

283

City Meal called in evening

THE PULLMAN COMPANY
 PASSENGER'S CHECK—To identify
 accommodations purchased.
 MOLINE to CHICAGO, Ill.

Lower *6.44*
 Berts _____ Car _____

Line No. _____ Via _____ R.R. _____

Passengers *1 2*

Office *25-83*
 FORM *1* | *2488*

TUESDAY, OCT. 11, 1927

Breakfast at Chicago Club. Wiman, McCray & Paradise. Mc is encouraged about stability of tractor.

Meeting at 9 at N.A.F.E.M. to standardize power take off. Present Brown, McCray, Paradise (John Deere) Zimmerman & H. Schenrock of H.C. Davis J. I. Case T.M. Moore. J. I. Case Plow, Swan, Rumely, Lavers. N. Stell McC. F. Patey, Allis-Chalmers, Fletcher & Turnbull of Holt. Chas. sev.

Decided that normal speed of the power take off shaft for both light and heavy duty power take off service shall be 536 r.p.m. plus or minus 20. The direction of rotation of the power take off shaft shall be clockwise when facing in the direction the tractor travels.

Could not come to conclusion on size of heavy duty shaft. I.H.C. alone wanting $1\frac{1}{2}$ " the rest $1\frac{3}{8}$ ". It was left to a committee Davis chairman, McCray, I.H.C. & Patey to bring in recommendation Nov 29. Saw radio show in P.M.

WEDNESDAY, OCT. 12, 1927

285

McCray said over phone this
afternoon that he thought a lower
pivot point on front axle is necessary
straight up on side hills he was O.K.
but sideways not as good as H/C 10-20

THURSDAY, OCT. 13, 1927

Started a model of tractor
to illustrate high clearance
and low pivot

FRIDAY, OCT. 14, 1927

287

Model of tractor nearly finished.

Wiman seems worried that the model C will not do everything that the D will do. I hope we move cautiously in suggesting any change.

Finished model of tractor

In afternoon we took the children to see their first foot ball game.

Moline versus Oak Park
at Browning Field.

Oak Park won 28-0

In evening we brought the Todds over to hear our radio
The light opera.

"The Only Girl" was given
beautifully.

SUNDAY, OCT. 16, 1927

289

This is the fall weather we have missed for the last two years. Warm & delightful.

I set up radiator covers in morning while Elise went to church.

We were at Oty's for dinner. Our family alone.

Later we went to see Helen Priestess Indian Head gift shop which she opens this week.

MONDAY, OCT. 17, 1927

Sent model of tractor to Waterloo

Motor cultivator weights

1 Outrigger 286 lbs

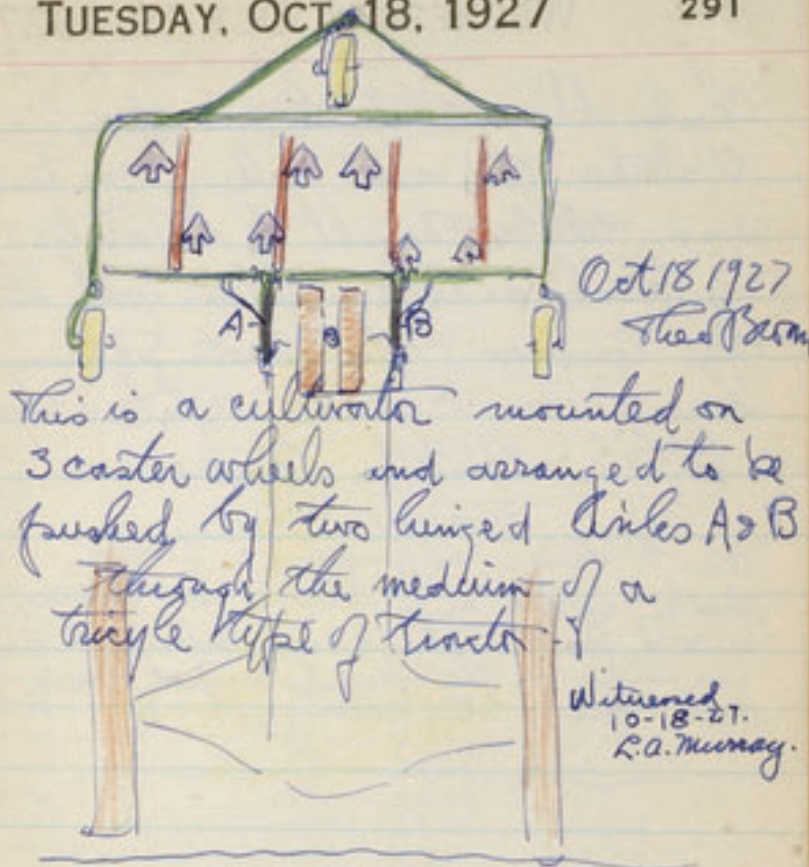
Front end 2259 " cult+tract

Rear " 2530 " " "

MONDAY, OCT. 17
... of ...

TUESDAY, OCT. 18, 1927

291



Oct 18 1927
Theo. B. ...
This is a cultivator mounted on
3 castor wheels and arranged to be
pushed by two hinged links A & B
through the medium of a
triple type of tractor.

Witnessed
10-18-27.
L.O. Murray.

Cultivator ...
...
...
...

We are all much concerned
over the model C that is
to make it right for plowing.
I certainly hoped it can be done
and save the all purpose feature.

Charlie Weiman telephoned from Waterloo this noon asking me to send ~~Abbe~~ Farmall to Waterloo by truck so we can plow with it ~~there~~ tomorrow. Also wants Silbaway, Louis, Ben, McKahin, White & myself to be in Waterloo tomorrow

THURSDAY.

also to design on paper a 2 bottom tractor simply as a plowing job that can be sold for \$775 to farmer. Silbaway & Louis were showing for the general purpose tractor. Mpls. wants 2 bottom plowing job only

Present Weiman, Silbaway, Louis, Kraft, McKahin, White, Brown, Head, McCaskey, Henry McDonald

THE PULLMAN COMPANY
PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.

From Moline
 To Waterloo
 Accommodation 24 Car 24

Line No. Via R.R.
 Property taken into car will be entirely at owner's risk.

Office **25-83** Form **100-6**
 3872
 Passengers

THURSDAY, OCT. 20, 1927

293

in field with tractors at Waterloo

Tractor	HEIGHT DRAW BAR	DESIRE GRADE	DRAW BAR PULL LBS.	RESULT
C-28	6"	16°	1700	OK
C-28	6"	16°	1800-1850	OK
C-28	6"	16°	2050	Front end lifted
C-28	6"	15°	2200	stalled
C-28	6"	16°	2150	OK
C-28	8"	15°	1650	OK
C-28	8"	15°	1700	OK
C-28	6"	16°	2150	stalled
C-28	6"	20½°	1250	Front end lifted
C-28	6"	20½°	1100	stalled
C-28	6"	20½°	1250	Front end lifted
C-27	balanced at 20½° with no load			
C-27	6"	14°	700	Front end lifted
D-27-40	8"	18°	1900	traction failed
D-27-40	8"	16°	2250	"
D-27-40	8"	16°	2300	OK
D-27-40	8"	16°	3300	stalled
D-27-40	8"	15°	2800	barely OK
IHC 10-20	18"	15°	2200	OK
IHC 10-20	18"	15°	2350	stalled
IHC 10-20	18"	14½°	2250	stalled
IHC 10-20	18"	14½°	2300	stalled
IHC 10-20	18"	20°	1650	stalled
IHC 10-20	18"	20°	1400	traction failed
C-28-3206 wheel	6"	20°	1400	"
"	6"	27°-20°	1450	OK
Farmall	9"	16°	1150	traction failed
"	9"	15½°	1050	"
"	9"	15-21	1450	"
"	9"	20°	800	"
"	10"	21°	900	"
"	11"	21°	900	Front end lifted

High hitch necessary on IHC because so much wt. on front end. n.g. at backing up a hill.

At meeting in P.M. it was decided to go ahead with model C having in mind that it is not equal in power on side hills to IHC 10-20

FRIDAY, OCT. 21, 1927

Delightful weather.

Started on 2 new attempts for Lucy to tractor
on idea shown Oct 18th

The foliage is magnificent.

Thomas A Edison was on the air
tonight, being interviewed by
E. W. Rice Jr. In honor of the 43rd Anniversary
of the invention of the incandescent
lamp.

SATURDAY, OCT. 22, 1927

295

Took awnings off this afternoon.

Elise bought a beautiful green coat trimmed with grey fur.

The stores close for evening.

SUNDAY, OCT. 23, 1927

Took George Muxter for a ride in
morning.

The family less the kids
here for dinner!!

We later called on the Todds
and stayed for a pick up supper

Warm & delightful day.

SUNDAY, OCT. 23 1927

My radio has been
fixed for the
week!

Called at the
shop & had
it fixed.

Added to the
list.

MONDAY, OCT. 24, 1927

297

Radio fixed today so it
gets all stations. It is a great
treat.

TUESDAY, OCT. 25, 1927

Quarterly Directors meeting.

It was decided to pay $5\frac{1}{2}\%$ back dividends on Dec 1. This cleans up all the accumulated back dividends. At one time this was $14\frac{1}{2}\%$.

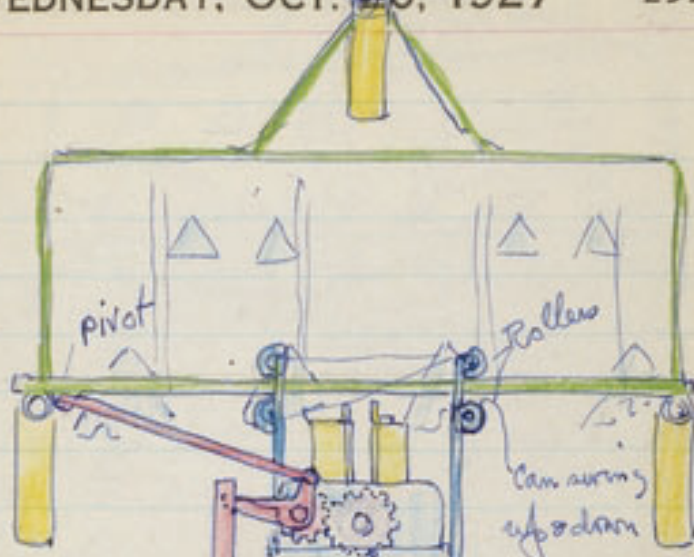
This last year has been a good one for Deere & Co. for just 11 mos. the profit is \$8,630,000.

My went to Chicago tonight for a couple of days as we took Mary & tomorrow will have Malcolm.

Deere & Company cleared up back dividends on the preferred stock by declaring an additional dividend of \$5.50, payable Dec. 1 to stock of record Nov. 15.

WEDNESDAY, OCT. 26, 1927

299



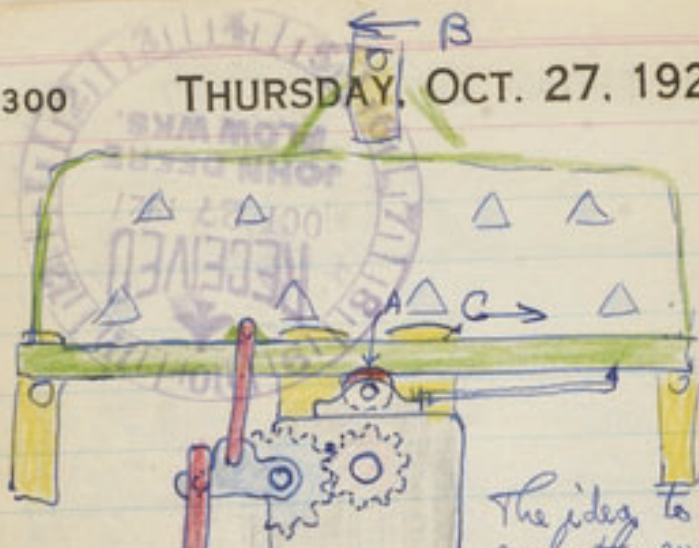
The idea here is to give a reverse action to the cultivator from that of the front steering wheels of the tractor. As wheels of tractor are turned to right frame is swung to left. This to give less dodge to shovels.

Also it may be possible to shift the front end sideways for side hill work.

Witnessed 10/27/1927.

W. G. Duffield

THURSDAY, OCT. 27, 1927



The idea to rock the cultivator frame about A to give less dodge by having wheel B turn to left as wheel C are turned to right.

We expect to get in field tomorrow with this outfit rather than the one showed Oct 18th

Wavy night on radio - We heard a fine program Wilton Hilary Jones, & Richard Boyd.

OCT. 27, 1927

FRIDAY, OCT. 28, 1927

301



shown by sketch of Oct 18th Present
Todd, Wiman, Kong, H. Head, Strandlund,
Cameron, Rowland, Ted Johnson. The idea
seems sound. We get Dodge over,
to attach.



cultivate
"8"
making,
crossed
ning.
rather

will end today

Handwritten notes on the left page of the notebook, including a diagram and text such as "to get in field", "Oct 18", "at a week", "a person", and "a Rocked Box".

FRIDAY, OCT. 28, 1927

301

Elvis 40th birthday -

Had a discussion with Winson, Todd, Head & Kough about continuing the development of the model C tractor for the next 60 days unhampered by the thought of a new small model.

In field in P.M. with cultivator shown by sketch of Oct 18th. Present: Todd, Winson, Kough, Head, Strandlund, Emerson, Rowland, Tod Johnson. The idea seems sound. We get dodge, view, ability to turn around and easy to attach.

Faults to be corrected are:

1. Keep the tractor from climbing over cultivator
2. Use 4 wheels instead of 3.
3. Move rig and frame back 8"
4. Limit jack up effect by pushing up on front end of cultivator.

Everyone seemed quite impressed.

Eda & Walter called in evening.

Predicted that our warm weather will end today.

Started new layout for tractor
cultivator with 4 wheels in place

of B.

In afternoon raked leaves.

**LOIS LAWSON PRESENTS
PUPILS IN PIANO RECITAL**

Miss Lois Lawson presented a group of her piano pupils in a delightful recital at 4:30 Saturday afternoon in her studio in the Le-Claire hotel, a large number of parents and friends of the young musicians hearing the program.

Rose Waltz (Hatch); Dance of the Paper Dolls (Hatch)—Billy Brown.

Gertrude's Dream Waltz (Beethoven)—Elise Brown.

Y. OCT. 29, 1927

SUNDAY, OCT. 30, 1927

303

Varnished linoleum in kitchen,
Went to church. Dinner at
Outing Club.



MONDAY, OCT. 31, 1927

October ends with warm delightful
weather.

The last two weeks have been
hot 80°-84° unprecedented for
this time of year.

Y. OCT. 31, 1927

TUESDAY. NOV. 1, 1927

305

The first rain for 20 days.

with some rain

which has been
sufficient to
...

WEDNESDAY, NOV. 2, 1927

The first killing frost
last night. Corn which was
so late this year in being
planted is pretty well matured.

We went to the Kings for
dinner. Major & Mrs. Matton.
Major & Mrs. Hall, the Belnaps
Skip Schmitt.

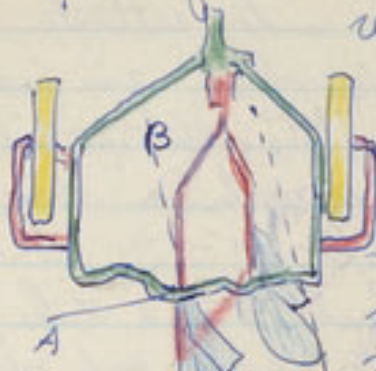
AY, NOV. 2, 1927

ling foot
on which
car in line
city will
to King
the Palace

THURSDAY, NOV. 3, 1927

307

Thought of this idea today
which is in



a 2 way
tracta flow
where 2 R.H.
bottoms are
placed above
2 L.H. bottoms

and one set of bottoms is
turned out of engagement with
others by swing about axle A.
This swing in line B.B. causing the
wing of bottom to escape the rim of
furnace wheel in passing.

In evening was the first
radio of Chicago opera and
1st Maxwell Coffee hour thru
W.O.R. It is wonderful.

FRIDAY, NOV. 4, 1927

In field again this afternoon with tricycle motor cultivator.

We had 4 castor wheels, 2 in front and 2 in the rear. The outfit worked much better than a week ago. However we think that

1. ~~Make~~^{Wipe} back 12" and take away rear center shovels and place them behind tractor, this will
 - a. Let steering wheel of tractor run on firm ground.
 - b. Give closer coupled and more easily controlled unit.
2. High guide bands needed on tractor.

Y. NOV. 4, 1927

SATURDAY, NOV. 5, 1927

309

old - a terrible flood
causing the loss of over 100
lives in New England as
result of heavy rains. The rivers
have overflowed and washed away
bridges etc.

Frank Daniels on radio in
"Wizard of the Nile" brought
back memories of him 32 yrs
ago. When he was asked
if he would rather be stung to
death by wasps or killed by
boiling oil, he thought and
said "Why these both of them
good."

310

SUNDAY, NOV. 6, 1927

21° Today

A quiet day at home. Very pleasant and comfortable. We called on the Todds and then at home rest of day.

AY, NOV. 6. 1927

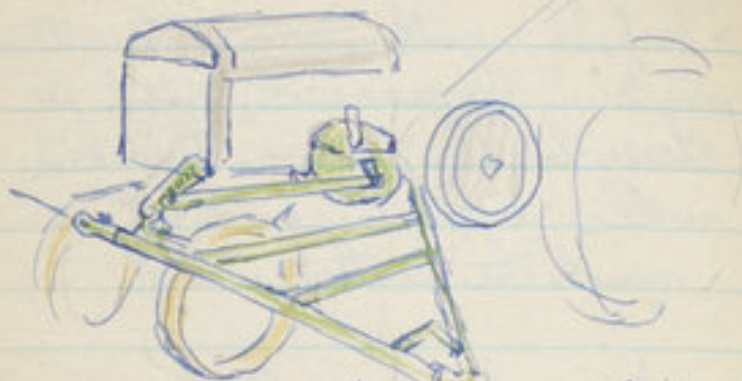
MONDAY, NOV. 7, 1927

311

In field with 2 row motor cultivator again. We moved the outfit 12" closer to the tractor. It worked well, in fact could not see much the matter with it.

In evening, had Underwood, Kohlmann, & Dixon up to hear the radio.

TUESDAY, NOV. 8, 1927



Thought of placing power lift
on tractor frame as shown. Makes
it possible to remove outrigger for belt pass.

AY, NOV. 8, 1927

WEDNESDAY, NOV. 9, 1927

313

Worked nearly all day on
cultivator design as shown.

Got new "Simplex Tractor" today.
for \$100.00 our old machine for
sale for what it will bring.

Later got \$30.00 for our old
tractor so our
new one cost \$70.⁰⁰/₀₀

THURSDAY, NOV. 10, 1927

Working on snow cultivator.

Karl ju & Paula Volmer over in
evening to hear Grand Opera "Tosca"
wonderfully quiet over radio.

AY. NOV. 10. 1927

at home.

Yellow ...
and ...
... ..

FRIDAY, NOV. 11, 1927

315

Armistice Day.

Not much is done here as a holiday,
even the schools do not close.

SATURDAY, NOV. 12, 1927

Finished taking off awnings
putting on storm windows etc.

Tried 2 loud speakers on set
to see how they would work.

Underwood & Kohlmann up in
evening.

Paid \$577.23 to W.D. Phelan
as our share for concrete
paving of 9th ave.

Total	1452.23	our lot cost.
divided	C.H. White	125-
	Josephson	150-
	Rathbun & Sloan	600-
	Brown	577.23
		<hr/> 1452.23

DAY, NOV. 12

ing of car
a... ..

of... ..
they would...

K... ..

to W.D. ...

for... ..

at...

23 on...

125-

150-

601-

577-23

1452-23

SUNDAY, NOV. 13, 1927

317

Church in morning.

Mother Koehler and Herb had for
dinner.

Also the children & I going
to the Turner exhibition in
Davenport. Mother Koehler &
Herb to the Tri-City concert.

Later called at Totds.

MONDAY, NOV. 14, 1927

Finished drawing of Christmas Card. It is getting to be hard to get new ideas.

The Murray's came up in evening to play bridge.

Nov. 14, 1927

coming of the
to be good to

is in the way

TUESDAY, NOV. 15, 1927

319

Ted is in Waterloo today to see about cultivator parts fitting tractor.

The Simonsons were here for dinner. We had some wild ducks given us by Dr. Sloan.

320

WEDNESDAY, NOV. 16, 1927

Started to put in water
softener today.

DAY, NOV. 15,

t in water

THURSDAY, NOV. 17, 1927

321

^{two bottom tractor.}
The new, two-way plow in field
for first time today. Standlund
was in field with it. I did not see
it.

The Louries called in evening.

322

FRIDAY, NOV. 18, 1927

Water softer in it is fine.

Nov. 18, 1927

in the pm

SATURDAY, NOV. 19, 1927

323

Hope to have new cultivator by
Dec 20 th.

In late afternoon we
went to a tea given
by Mrs Nathaniel French for
Mrs & Mrs Harry French

SUNDAY, NOV. 20, 1927

A fine quiet Sunday all alone.
Called on Todd. I was given a wonderful
winter coat that Todd did not wear
as he goes to California. It is just
like new and a wonderful coat.

Called on Woodcocks in ~~evening~~
afternoon but they were out.

Nov. 20, 1927

MONDAY, NOV. 21, 1927

325

Mother and father left
Worcester for Amy's today.

In field in morning with
tricycle tractor and 2 row
cultivator. Wiman, Kough,
Strandlund, Sprung, Medill,
Kiel, Court, Laughlin, Johnson
present. The outfit
performed very creditably
and all were considerably
impressed. We plan to
remake and send south.

TUESDAY, NOV. 22, 1927

Sent tricycle tractor to Rock Island
to be rebuilt.

Busy getting cultivator under way.

Dec 24 1927

Weights of motor cultivator shipped
to California Dec 24.

Model C Tractor + power housing 3675[#]

Rear 2225[#]

Front 1425[#]

Front end + motor cultivator + gauge wheels 2350

Rear " " " " 2425

Front end less outrigger wheels 1900[#]

Whole Tractor less 2 outrigger wheels 4380[#]

One outrigger wheel 225[#]

all less shovels & shields

shovels weight 3[#]ca

Dinner at the Crampsons

Y. NOV. 22 1927

WEDNESDAY, NOV. 23, 1927

327

WEIGHT 1927 Model C + cultivator

WT	Tractor + cultivator - Front wheels + outrigger	2230
WT	Front end tractor + cultivator.	1790
WT	" " " less "	1070
WT	CULTIVATOR ON FRONTWHEELS	720
WT	Front end MEMBER ONLY on tractor	260
WT	" " " " off "	215
WT	Outriggers each	415

415	2230
415	2115
<u>830</u>	<u>115</u>
215	
<u>1070</u>	
2115	

cultivator weighs 115 lbs more on than off tractor on account of overhang.

We are having the basement ceiling covered with "Sheet rock" as the plastering is continually coming down.

- Warm -

328

THURSDAY, NOV. 24, 1927

THANKSGIVING DAY

In morning I worked on the ceiling up
of the plumbing closet in Elise's room.

As a complete family we were at
the Outing Club for dinner.

For supper everybody came to Mother
Kochler's including Uncle Hugo,
Virginia Kochler, the Vollmers + Miss Jones
the Priestes (all grown ups).

In evening, I took Elise Jr to
a dance at St. Katherine's.

AY. NOV. 24. 1927

DAY

On the 24th
left in evening
for dinner
at home
to take
the 11:30
train
to St. Catharines

FRIDAY, NOV. 25. 1927

329

Took drawings of gear case for power
left to Reynolds Engineering.

In afternoon went to see Ted
Sayer whose baby was christened
today. Met Elise there.

In evening St. Catharines dance
at Golf Club.

SATURDAY, NOV. 26, 1927

The plaster board, ^{a sheet rock} has been put up
on ceiling of laundry, play & boiler room,
and an awful mess it has made.
Spent all afternoon painting the
ceilings.

Supper with Elise at the Charlie Stross

Y. NOV. 26

at night
has been
of the
was at
more
lies at the

SUNDAY, NOV. 27, 1927

331

All morning painting and cleaning
up cellar. Painted floor of laundry
or part of playroom.

We were alone for the day

In late p.m. the Hubers &
Mrs Connor came to hear the
radio.

Called on Todd

MONDAY, NOV. 28, 1927

Story — Al Smith had his
first set back when the army
beat Notre Dame.

The Silloways came up to
hear the radio
Olise and I left for Chicago on
midnight train

THE PULLMAN COMPANY PASSENGER'S CHECK —To identify accommodations purchased.	
MOLINE to CHICAGO, Ill.	
Lower Berth <u>644</u>	Car <u>44</u>
Line No. _____ Via _____ R.R. _____	Passengers <u>1 2</u> Office <u>25-83</u> FORM <u>1</u> | <u>2784</u>

NOV. 28, 1927

TUESDAY, NOV. 29, 1927

333

Reached Chicago at 7³⁰

Registered at Palmer House Room 231C W

We bought a bag 18⁰⁰ at wholesale.

I was in meeting all day with
ASAE. Elsie slept.

We had dinner as guests
of E.C. Mueller at Union League Club.
The rest went to see Lulu Belle,
and I went back to a meeting
of standardization committee.

PALMER HOUSE

CHICAGO

WEDNESDAY, NOV. 30, 1927

At Agricultural Engineers Meeting all day. We passed resolution adopting standards for power take off for tractors.

$1\frac{1}{2}$ " for 20 HP \approx $1\frac{3}{8}$ " for 40 HP
McCurry said that some of the states were starting to conduct tractor tests as well as Nebraska. He asked if we would like the USDA to conduct these tests \approx so cut out the states, individual tests.

Found I.H.C. busy on cotton picker development.

Elise & I gave "The Desert Song"
very delightful

THE PULLMAN COMPANY PASSENGER'S CHECK - To identify accommodations purchased. The amount charged is The Pullman Company's rate and a SURCHARGE OF 50% OF THAT AMOUNT REQUIRED BY AND COLLECTED AS AGENT FOR THE RAILROAD COMPANY, AS SHOWN ON THE TICKET.		4095 Office 25-83 Form 100-6
CHICAGO, ILL. From..... MOLINE, ILL. To..... Accom- modation..... Car..... 44		
Line No.....	Vis.....	R.R.
Property taken into car will be entirely at owner's risk.		
Passenger 128		

Y. NOV. 30

THURSDAY, DEC. 1, 1927

335

Cold 12°, quite a change.
 We will have to hurry to finish
 3 or 2 row cultivators & tri-cyle
 tractor by Christmas.

COMPANY
 TO BE DELIVERED
 BY THE
 BUYER
 WITHIN 30 DAYS
 OF THE DATE
 OF THIS ORDER
 UNLESS OTHERWISE
 SPECIFIED

Elise's 11th birthday. She had a birthday party for 16 of her St. Katherine's school companions from 4-8.

In cotton picker meeting all day. It was decided to build from 50-100 strippers for next year, and after listening to Neighbos report decided to recommend starting work on a mechanical cotton picker at a sum not exceeding \$50,000 per year.

DEC. 2, 1927

SATURDAY, DEC. 3, 1927

337

Paid Rathbun \$132⁸³
for putting sheet rock on ceilings
of laundry, play, & boiler rooms.

Finished painting ceilings &
floor in basement.

SUNDAY, DEC. 4, 1927

Church in morning Mrs Kent preaching.
Called on Totter before church.
Alice's mother & Herbert here for dinner.

DEC. 4, 1927

Man that proposed
sketch
of low pressure

MONDAY, DEC. 5, 1927

339

Thought of putting the power lift
mechanism right in the casing, with power
take off. Gave Duffield a sketch of this.
Started to work out the idea with Murray.

Wire from Madill at Denver saying new
2 way 2 bottom tractor floor worked well
in corn land plowing 12" deep.



DENVER, COLO.
DEC. 5, 1927

TUESDAY, DEC. 6, 1927

Worked all day on the new power take off
idea. i.e. rotary and intermittent motion
from the power take off attachment.

Edis for dinner
Dr. Auoparker's lecture later.
We invited Kento.
Later all went to Elise's mother's.

**MOLINERS ON HONOR ROLL
AT ST. KATHARINE'S SCHOOL**

Two Moliners are on St. Katharine's school honor roll as announced for November, Mary Jane Dineen in the middle school and Elise Brown in the lower school. The entire list follows:

AY, DEC. 6, 1927

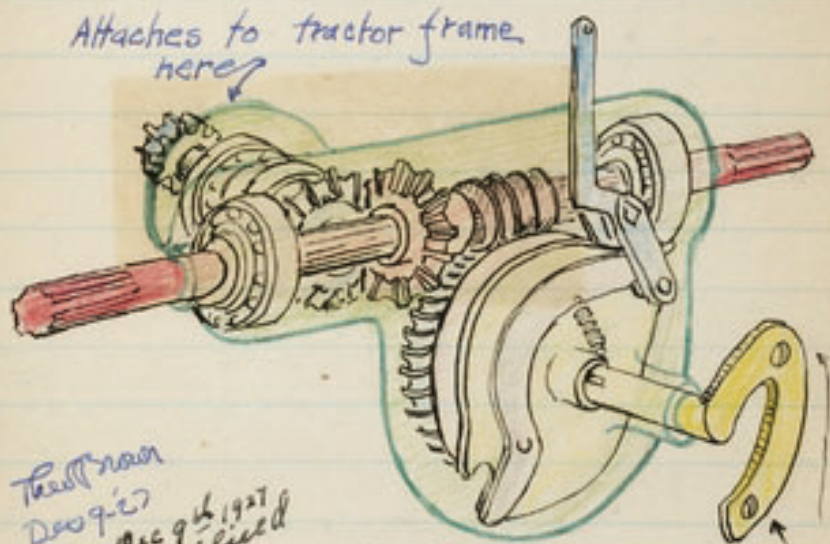
WEDNESDAY, DEC. 7, 1927

341

It turned very cold by night, dropping from 44° to zero. A gale blew and at 7 p.m. our lights went out and as that put Robb out we were worried. At 11¹⁵ the lights came back.

The Todds left for California at midnight.

POWER TAKE OFF AND LIFT.



Theodore
Dec 9th 1927
Witnessed Dec 9th 1927
W. S. Sheffield

STUD CAN BE SCREWED
IN DIFFERENT POSITIONS TO
MAKE IT POSSIBLE TO HAVE LIFTS IN
VARIOUS DIRECTIONS -

THURSDAY, DEC. 8, 1927

Very cold all day. 2° below zero.

In evening we went with the Stones
to a dinner at the Outing Club
given by the Elvis.

AY, DEC. 8, 1927

2 also give
out with the
by cutting the
his

FRIDAY, DEC. 9, 1927

343

Stearns came from Denver
where he had a successful
trial of new 2 way 2 bottom
tractor plow last Monday & Tuesday.

344

SATURDAY, DEC. 10, 1927

Patterns for caty₂ on motor cultivator
pretty well along.

DAY, DEC. 10, 1927

SUNDAY, DEC. 11, 1927

345

Gathered up our old toys and
took a lot to the fire dept.
headquarters where they rebuild and
paint and distribute to the poor.
We went to Davenport for
dinner.

Later packed Christmas
presents and sealed Christmas
cards.

MONDAY, DEC. 12, 1927

Started wooden model of power take off
& sketched as shown Dec. 7.

The C. N. Stones here for dinner.

DEC. 12, 1927

TUESDAY, DEC. 13, 1927

347

A rather stormy session of directors this morning in reference to cotton picker development. It was proposed to have one or two men start work on a cotton picker, at a cost not to exceed \$50,000. a year. Crumpton & Lorie demurred and Brittenworth simply wanted a study made. It was held over for two weeks.

WEDNESDAY, DEC. 14, 1927

Lindbergh landed in Mexico City
after a non stop flight from
Washington.

Model finished of power take off
and sent it to Waterloo with
the first gear case. Ted Johnson
went to it.

Played bridge at the Muey's.

Our water softener installation cost
us \$344⁰⁰

AY. DEC. 14, 1927

THURSDAY, DEC. 15, 1927

349

Ted Johnson in Waterville reports
that first ever model C tractor
was run off today.

FRIDAY, DEC. 16, 1927

Showed Harold White drawings of the proposed power take off and clutch. He is in favor of the idea.

Castings for the cultivator are slowly coming in.

Y. DEC. 16. 1927

SATURDAY, DEC. 17. 1927

351

Mother and father came this afternoon.
How good it is to have them here! They
both look and seem well. My feelings
rather run away with me.

It is cold and we all stayed before
the open fire and listened to the
radio.

SUNDAY, DEC. 18, 1927

Cold.

Mother, father, Elise and I went to church. In afternoon Mother, Koehler & Herb. called in afternoon.

Later Elise and I called on Helen Watzek for a few moments.

AY. DEC. 18, 1927

24

MONDAY, DEC. 19, 1927

353

The cultivator begins to take form.
Trouble has developed between tractor
& planter in that the rear steer for
tractor gets in the way of the
planter. Mr. Gray is at work on
Power Take Off & clutch as shown in
sketch of Dec 7. We expect
tractor here on Thursday.

TUESDAY, DEC. 20, 1927

George Roumel who is making an investigation for the secretary of agriculture farming, spent the day with me. He says that "Celotex" has now used up all the "Bigass" of sugar cane and is importing. The thought is that corn stalks ought to be satisfactory as a substitute.

It means better and cheaper methods of gathering corn stalks. Also possibly a way of stripping leaves from stalks. 350 million square feet of Celotex was made last year.

It looks as though faster baling methods and machines would be a necessity.

It looks as though the by products of agriculture would some day in the near future be a very important matter.

Took Roumel to Monmouth by Pontiac car. Mother, father and Billy going along. Made the trip in $3\frac{3}{4}$ hrs that is round trip.

AY. DEC. 20 1927

WEDNESDAY, DEC. 21, 1927

355

Complaint from Upha about trace on #5 c
plows kept me busy all day, This together
with reocultivator made a busy day.

Melroy said this p.m. he expected to
get first tractor here Friday.

This is a busy time getting every thing
lined up to send out to California.

Mother and father both seem very well,
it is such a satisfaction.

THURSDAY, DEC. 22, 1927

The tractor cultivator is about ready.
Worked nearly all day on clutch design
of Dec 7. Almost too busy these
days.

DAY, DEC. 22, 1927

tractor is clean
all day on site
about to be

FRIDAY, DEC. 23, 1927

357

The new tractor arrived this morning
and we fitted on the cultivator. It
went on in good shape. However we must
have device of Dec 7-



SATURDAY, DEC. 24, 1927

The model C tractor and cultivator were shipped to California today. Now the problem is the power take off clutch and drive in one. That we are working on.

The Mrs and Mother Koehler & Helb were here for the tree rafter.

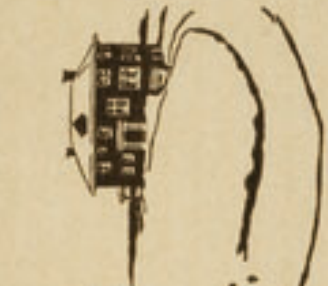
It did seem good to have mother and father here too.

Mr and Mrs Theo. Brown, 2535 Ninth avenue, Moline, have as their guests, Mr and Mrs William T. Brown of Worcester, Mass., parents of Mr Brown. Mr and Mrs Brown will have a Christmas party this evening. Sunday they will be with Mrs Theo Brown's mother, Mrs Mathilde Koehler of 104 East Locust street, Davenport.

DAY, DEC. 24 1927

to California
is the same
we in all the
ca
and both
to be made
and to look
to

Then, Mrs. Brown,
after her as they
Mrs. William T.
Mrs. Brown, please
Mr. and Mrs. Brown
Christmas party
they will be with
to number, Mrs. B.
at 114 San Jacinto



A path beginning at our house



Must ever be kept clear,



So we can get to where you are,



To bring you CHRISTMAS CHEER.

Mr. and Mrs. Theo. Brown

FRIDAY, DEC. 24, 1927

took a walk

SUNDAY, DEC. 25, 1927

359

Christmas Day



at home till 4³⁰
when we went to Davenport
for a tree & supper.

The Vollmers, Uncle
Hugg, Mullers, Bloodgoods
& all family there.

MONDAY, DEC. 26. 1927

Went skating this morning with
2 Elises & Billy. It was warm
enough to be very pleasant.

In afternoon went for a ride
to Le Claire, taking mother Elise
and her mother.

Dinner at the Simonses
present. Harlan, Aubrey, John
& Helene Watzek, Paul & Mabel
Preston, Bernice LeClaire & Rex

DAY, DEC. 26 1927

The evening
I'll go
very pleasant
was out
take, with
the

at the Spanish
by Robert
the Palo Alto
L. H. & Co.

TUESDAY, DEC. 27, 1927

361

Feel uncomfortable with a cold.
Dinner at Henry Twiss.
Father indisposed with a cold.

WEDNESDAY, DEC. 28, 1927

Went to Waterloo with Harold White. We left Moline at 9⁰⁵ AM and reached Waterloo at 1⁴⁵. 163 miles. Had an important session on power take off clutch. Left for home at 4³⁰ reaching Moline 9⁵⁰ P.M. 329 miles. Muddy & wet

DAY, DEC. 28

THURSDAY, DEC. 29, 1927

363

Busy all day with design of clutch for
power take off. Worked out a design
that looks possible and sent
Murray to Waterloo with it.

A wonderful dinner at Huber's
mother & father going with us.

FRIDAY, DEC. 30, 1927

Talked over phone with McRay who said the layout for clutch seemed satisfactory and Murray & Luggitt would work out details so as to start manufacture of one at once.

Dinner at the Vollmers given for Jane Jones who is engaged to Karl Jr. Mother & father went to and father read a clever poem he had written for the occasion.

There has been much social activity this week, a lot of work at shop and a cold.

DAY, DEC. 30, 1927

SATURDAY, DEC. 31, 1927

365

Bitterly cold.

The second cow left for California today with No 2 tractor & planter tricycle tractor, 2 row cultivator etc.

Uncle Hugo Koehler, Karl Jr

& Jane Jones called in afternoon.

We stayed at home and saw the New Year in very quietly. In fact we went to bed at 10-

MISS JANE JONES IS HONORED AT DINNER

Dr. and Mrs Karl Vollmer of 2 Hillcrest avenue, Davenport, entertained a group of relatives last evening at dinner to honor Miss Jane Jones of Chanute, Kan., whose engagement to their son was announced on Christmas day. Covers were laid for 25, pink roses and tapers being used as decorations. Bridge was played during the afternoon.

Mr Hugo Koehler of St. Louis, brother of the hostess, and Mr and Mrs William T. Brown of Worcester, Mass., parents of Mr Theo. Brown of Moline, were out-of-town guests.

		JUNE		
- 3 ROW CULTIVATOR - 6				
CENTER FRAME	147			
" ARCH + RODS	38	185	230	+45
" FRAME SUPPORT	21		25	-4
OUTRIGGER FRAMES	286		359	+73
CASTER WHEELS	72			
" " AXLES	29	101	86	-15
LONG RIGS	240		418	+257
SHORT "	92	332	171	-257
CONTROLS	32		24	-8
SPREAD ARCHES	12			
SHIELDS	32		57	+25
LARGE SHOVELS	40		50	+10
	1041		1420	

- 3 ROW PLANTER - 1180

EMPTY TRACTOR	2964
TRACTOR AND PLANTER	4144
" " CULTIVATOR	4005
FULL TRACTOR	3157
FULL TRACTOR & PLANTER	4337
" " & CULTIVATOR	4198

MERCEDES

		MERCEDES		JUNE	
- 3 ROW CULTIVATOR - 6					
CENTER FRAME	147				
" ARCH + RODS	38	230		45	
" FRAME SUPPORT	21	25		4	
OUTRIGGER FRAMES	286	359		73	
CASTER WHEELS	72				
" " AXLES	29	86		15	
LONG RIGS	240	418			
SHORT "	92	171	332	257	
CONTROLS	32	24		8	
SPREAD ARCHES	12				
SHIELDS	32	57		25	
LARGE SHOVELS	40	50		10	
	1041	1420			

- 3 ROW PLANTER - 1180

EMPTY TRACTOR	2964
TRACTOR AND PLANTER	4144
" " CULTIVATOR	4005
FULL TRACTOR	3157
FULL TRACTOR & PLANTER	4337
" " & CULTIVATOR	4198



THEO. BROWN

Following the announcement by Deere & Co. of Moline this week to the effect that machinery is being developed to aid in curbing the ravages of the European corn borer, an Associated Press dispatch from Urbana today tells of the consideration given this phase of the fight on the borer by farmers attending the annual farmers' week.

The dispatch said:
"Machinery must bear the brunt of keeping down the dread of corn borer until other methods of control are worked out, it was brought

ANDA

MEMORANDA

MEMORANDA

TIMES
JAN 20

367

TOR-

147

S 38 + 45

ORT 21 - 4

5 286 - 73

72

ES 29 - 15

240

332 92 + 257

32 - 8

72

32 + 25

40 + 10

1041

TER-1180

E 2964

TER 4144

ATOR 4005

3157

ER 4337

ATOR 4191



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g bank clerk had decided to call
It. It seems another chapter
ld be added indefinitely.

Its title was: Claudia Particella,
the Cardinal's Daughter. Every
nce in a while Mussolini got tired
of the heroine and decided to kill her
off in one last, final, catastrophic af-
fair d'amour.

But the editor would exclaim:
'For heaven's sake! Why quit now.
The subscriptions are coming in so
beautifully,' and Claudia got another
lease of life and passed to another
lover.

After Mussolini's rise to power, the
script was recovered, sold to a movie
company and the endless plot, full of
most colorful details, is still running
in some out of the way cinema cir-
cuits in Italy.

Next, Mussolini the Artist
took at Urbana.

Mr. Brown explained that Deere
and company had become interested
in the problem at a conference called
for that purpose by the department of
agriculture in Chicago last year,
where it was indicated that a great
responsibility rested on the imple-
ment industry to devise special ma-
chinery with which to combat the
weaver.

Before going into a detailed de-
scription of the new machine, Mr.
Brown showed that there was still a
great deal of experimental work neces-
sary before the instrument could be
put into general use. He stated that
hereas it was often found that the
implement was perfectly satisfactory
under ordinary conditions, yet it may
fail where conditions are so varied as
they are in the agricultural field.

New Machine.

Deere and company started the de-
sign of this corn combine in June of
last year, and in three months had
a trial machine in the field," said Mr.

the largest of the
organizations, will
drive for members
Lorimer of Portla
student in the colli
chairman of the 15

More than 3700
rolls of the society;
the oldest at the co
ship is comprised
alumni of the col
sources of more
secondary purpose
to acquaint student
tion.

During the last s
ociety has held mis
lectures at the col
missionary study
organization has fi
terprises in Africa
during the last year
more than 5000 c
on mission work.

also has issued a t
Universal Christ, v
throughout the cou

Opportunity ne
those who don't
section.

P
PE
here savin
16-518 15th

WI

Deere Company Man Describes Machine to Combat Corn Borer

Theo Brown, Engineering
Head, Speaks at Univer-
sity of Illinois.

Description and operation of a new machine designed and manufactured by Deere and company to combat the corn borer was given by Theo Brown, director of engineering for Deere and company, at the University of Illinois farmers program held this week at Urbana.

Mr. Brown explained that Deere and company had become interested in the problem at a conference called for that purpose by the department of agriculture in Chicago last year, where it was indicated that a great responsibility rested on the implement industry to devise special machinery with which to combat the borer.

Before going into a detailed description of the new machine, Mr. Brown showed that there was still a great deal of experimental work necessary before the instrument could be put into general use. He stated that whereas it was often found that the implement was perfectly satisfactory under ordinary conditions, yet it may fail where conditions are so varied as they are in the agricultural field.

New Machine.

Deere and company started the design of this corn combine in June of last year, and in three months had a trial machine in the field," said Mr.

Brown. The following is a brief description of the machine.

"It weighs approximately 4500 pounds, is designed to be drawn by a tractor and has an individual motor to drive the machinery. It is a single row machine and cuts the cornstalks close to the ground in just about the same manner that a corn binder does, except that the stalks are cut closer to the ground than is the case with the regular corn binder.

The stalks, after being cut, are elevated and carried by gatherer chains to snapping rolls. After the ears have been snapped they are conveyed to husking rolls and then elevated into a wagon box drawn alongside. The stalks, after the ears have been picked, are fed through a cutter head and chopped up into pieces of not over a half inch long. This stover is then scattered on the ground.

However, should the farmer like to utilize this stover, it could probably be arranged to have it laid in windrows or piles in the field, or by the attachment of an elevator it might be taken by the wagon to the barn and blown into the mow.

"The length of the corn borer larvae is about 1 1/8 inch so that by cutting the stalks into lengths of one-half inch or less it is sure to destroy the pest. It has been found that crushing is not effective. Even when rolled rather hard between one's fingers, no apparent injury is done the borer, yet if its skin is slightly punctured it dies quickly.

Some Tests Made.

"In September this machine was turned over to the department of agricultural engineering of the Ohio

State university, but conditions last fall were so unfavorable, due to weather, that but few tests have been possible. However, what tests have been made have proved that the machine when operating successfully does destroy the corn borer.

"It has also been proved that there are a good many mechanical defects present, which is but natural, the weight of the machine in soft ground being perhaps the most difficult one to overcome. And in addition, we recognize the fact that the machine must be simplified and reduced in weight so that its cost will not be beyond the reach of the average farmer. Whether or not this can be accomplished and the machine still perform all the necessary functions remains to be seen. Its economy and efficiency will have to be proved."

MEMORANDA



BOSTON FROM AN ELEVATION OF 1800
The area shown in the photograph is more than 1000 acres

NDA

MEMORANDA



Official Photograph, U. S. Army Air Corps
OF 18,000 FEET
re than ten square miles.

BOSTON FROM 18,000 FEET
area shown in the plan

JUNE 19 27

MEMORANDA

PAR	MARKET	SECURITY	INCOME	
500.00	501.40	3rd Liberty Loan 4 $\frac{1}{2}$ 28	21.25	1000.00
500.00	545.00	C I & L 6s 66	30.00	3695
2600.00	2600.00	Moline Improvement 5	30.00	37195.00
1000.00	1040.00	Anasconda Copper 6s 53	60.00	
500.00	520.00	Ill Power & Lt 6s 53	30.00	
500.00	515.00	Am Tel & Tel 5s 60	25.00	8000
2000.00	2040.00	Penn Ohio P & L 5 $\frac{1}{2}$ s 54	110.00	2000
1000.00	992.00	Arg. Govt S.F. 6s 59	60.00	1000
1000.00	1007.50	Pac. Gas & Elec. 5s 42	50.00	500
2000.00	2000.00	Mortgage Guarantees N. Atlanta	120.00	1000
1000.00	965.00	M. S. P. & S S M 5s 38	50.00	2000
1000.00	993.75	Utah Power & Lt 5s 44	50.00	1000
1000.00	1000.00	Mortgage Guarantees Dallas	60.00	800
1000.00	1000.00	Manitoba Paper Co	65.00	34490
5000.00	5000.00	Deere Saving Certificates	300.00	71675
1000.00	1000.00	Linden Crest Apartment 6 $\frac{1}{2}$ s	65.00	
1000.00	1000.00	Cleveland Terminal Bldg	60.00	
1000.00	1000.00	Baltimore Mortgage Corp. 36	60.00	
1000.00	990.00	Managaweth Co 5s 57	50.00	
1000.00	1050.00	M. K. & T 5s 67	50.00	
1000.00	1000.00	City of Hobart Indiana 6s 32	60.00	
2000.00	1900.00	Chesapeake Corp. 5s 47	100.00	
2000.00	1892.50	Erie 5s 67	100.00	
2000.00	1967.50	Mo. Pac 5s 77	100.00	

MEMORANDA

	1000.00	1000.00	Mortgage Susan Co Min 34	60.00
	3695.00	3695.00	Saving Bank (to be invested)	200.00
	\$37195.00	\$37114.65		\$2026.25

Stocks

	8000.00	9200.00	Deere Preferred 115	800.00
	20000.00	33000.00	Deere Common 165	
	1000.00	1030.00	Firestone Preferred 7	70.00
	500.00	600.00	Pres. Fire Ins.	
	1000.00	950.00	Kentucky Hydro Electric	70.00
	2000.00	1940.00	Northwest Utilities	140.00
	1000.00		Dav. Produce	
	800.00		W.C.C note	
	34450.00	46720.00		\$3146.25

71645.00 \$83834.65

CASH ACCOUNT.

JANUARY

DATE		RECEIVED	PAID
1400 M	47 HRS. ON TRAIN Quid Oklahoma		
	Cash Fare	64 99	
	Sleeper	13 95	
	Meals	16 60	
	Taxi	13 00	
	Incidentals	2 10	
		<u>\$110 64</u>	
360 M	13 1/2 hrs on train Chicago 14-15		
	Fare	12 88	
	Sleeper	3 90	
	Meals	4 40	
	Taxi	1 25	
	Incidentals	27 30	
		<u>\$49.73</u>	
610 M	19 hrs on train Urbana Jan 18-30		
	Fare	19 72	
	Sleeper	8 00	
	Meals	5 50	
	Taxi	2 00	
	Incidentals	1 00	
		<u>36 22</u>	

JANUARY

CASH ACCOUNT.

JANUARY

DATE	14 HRS	RECEIVED	PAID
	Chicago 20-22		
	360 M Fare	1288	
	Pullman	390	
	meals	510	
	Taxi	130	
	Hotel	500	
	Incidentals	<u>3090</u>	
		\$ 59.08	

64.97
 13.95
 16.60
 13.00
 2.10
\$110.64
 16.88
 3.90
 4.40
 1.25
27.30
 \$49.73
 8-70
 19.72
 8.00
 5.50
 2.00
 1.80
\$ 22

CASH ACCOUNT. FEBRUARY

DATE	RECEIVED	PAID
Oklahoma City Feb 8-10		
Fare	48 86	
Sleepers	17 71	
Meals	21 25	
Incidentals	2 55	
	<u>88 37</u>	
Washington Feb 20-24		
Fare	68 44	
Sleepers	20.40	
Meals	19.50	
Taxi	5 10	
Hotel	6 00	
Incidentals	15 00	
	<u>\$133 94</u>	

CASH ACCOUNT.

MARCH

DATE	RECEIVED	PAID
Feb 26 - March 11 Mercedes		
Fare	95 21	
Sleepers	14 70	
Meals	61 00	
Taxi	2 00	
Hotel	22 50	
Incidentals	51 53	
	<u>\$246.94</u>	

MARCH

RECEIVED

CASH ACCOUNT.

MARCH

DATE

RECEIVED

PAID

95.21

14.70

61.00

2.00

22.50

51.53

\$246.94

CASH ACCOUNT.

JUNE

D	DATE	RECEIVED	PAID
	Toledo Ohio 1-3		
	Fare	29.78	
	Sleeper	6.15	
	Meals	4.50	
	Taxi	1.25	
	Incidentals	6.50	
		<u>48.18</u>	
	Chicago 5-6		
	Fare	12.88	
	Sleeper	3.90	
	Meals	8.60	
	Taxi	.65	
	Incidentals	.65	
		<u>26.68</u>	
	Iowa June 7-9		
	Fare	14.70	
	Meals	11.10	
	Hotel	6.40	
	Incidentals	4.18	
		<u>36.38</u>	

NT.

JUNE

CASH ACCOUNT.

JUNE

1-3

RECEIVED
PAID

23.70
6.15
4.50
1.25
6.50
48.10

12.88
3.90
8.65
6.50
26.63

7-9
4.70
2.10
6.40
4.50
17.70

Sibson Minn
20-22

RECEIVED PAID

Fare	22.77	
Sleeper	6.75	
Meals	4.15	
Taxi	7.50	
Hotel	2.00	
Incidentals	2.50	
	<u>\$45.17</u>	

Chicago 24-25

Fare	12.88	
Sleeper	3.90	
Meals	6.75	
Taxi	2.25	
Incidentals	1.85	
	<u>\$27.63</u>	

CASH ACCOUNT.

JULY

DATE	RECEIVED	PAID
Southern Illinois July 6-7		
Meals	6 70	
Hotel	2 50	
Incidentals	48	
	<u>\$ 9.68</u>	
Omaha July 8-9		
Fare &	23 68	
Sleepers	7 50	
Meals	3 50	
Taxi	1 50	
Incidentals	<u>70</u>	
	<u>36.88</u>	

JUL

CASH ACCOUNT.

JULY

RECEIVED

DATE

RECEIVED

PAID

67c
 25c
 4c
 \$9.68

23.68
 7.50
 3.50
 1.00
 .70
 36.38

-
 -
 20
 2
 21

CASH ACCOUNT.

AUGUST

DATE	RECEIVED	PAID	DATE
Aug. 9-11			
Wfpls	24 92		
Fare	7 50		
Sleepers	4 75		
Meals	1 00		
Taxi	1 25		
Incidentals	39.42		

AUGUST

RECEIVED

CASH ACCOUNT.

AUGUST

DATE

RECEIVED

PAID

24 70

7 50

4 75

1 00

1 25

39 90

CASH ACCOUNT. SEPTEMBER

DATE	RECEIVED	PAID
Sept 20-22		
Toledo & Detroit		
Fare	31.11	
Sleeper	9.30	
Meals	10.00	
Taxi	2.00	
Incidentals	14.80	
	\$67.21	

CASH ACCOUNT.

OCTOBER

DATE	RECEIVED	PAID
Watertown 2-3		
Fare	9.35	
Sleepers	3.00	
Meals	2.00	
Taxi	3.00	
Incidentals	.50	
	<u>17.85</u>	
Chicago Oct 10-11		
	/ 12.88	
Fare	/ 3.90	
Sleepers	/ 5.15	
Meals	+	
Taxi	.75	
Incidentals	+	
	<u>60</u>	
	23.28	

OCTOBER

RECEIVED

CASH ACCOUNT.

OCTOBER

DATE

RECEIVED

PAID

Watertown 19-20

Fare
 Sleepers
 meals
 Taxi
 Hotel
 Incidentals

9.35
 12.00
 2.30
 1.00
 3.00
 50

\$28.25

9.35
 30
 20
 10
 50
 17.85

t/10-11

12.85
 3.90
 5.15
 25
 60
 23.25

CASH ACCOUNT. NOVEMBER

DATE	RECEIVED	PAID
Chicago 28-1		
Fare	8.59	
Sleepers	6.00	
Meals	8.75	
Taxi	2.95	
Hotel	5.00	
Incidentals	2.50	
	\$33.79	

NOVEMBER

Receipts

CASH ACCOUNT. NOVEMBER

DATE

RECEIVED

PAID

8.50

6.00

8.75

2.75

5.00

25.00

\$33.75

CASH ACCOUNT. DECEMBER

DATE	RECEIVED	PAID
Waterloo Dec 28		
meals	\$ 3.00	
	<hr/> \$ 3.00	
Expenses for year \$1138.62		

SUMMARY OF CASH ACCOUNT

		RECEIVED		PAID	
JAN.	Davenport Produce Co	note pd		1000-	
FEB.				March 15	
MAR.					
APR.					
MAY.					
JUNE.					
JULY.					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					

MEMORANDA

Jan 12	Community Chest	\$60.00
Feb 1	W.P. Endowment Fund	50.00
Feb 5	Unitarian Church	25.00
May 2	Red Cross	2.00
June 1	Moline Community Fund	37.50
July 15	Unitarian Church	25.00
July 15	Moline Community Fund	37.50
Sept 15	" " "	37.50
March 15	" " "	37.50
	Peoples Bank Interest	91.42
	Personal Tax	20.84
	Real Estate Tax	186.63

MEMORANDA

~~Mr. Ashley~~
Alex. M. R. Ashley
Chief division of Purchase
sales & traffic

Dr. Wood Scientific Research.

Dunlap Asst. Sec. of Agriculture.

Roger S. Greene 834 De Graw Ave
Tel. Branch Brook Newark N. J.
7392 7392

Hazel Haggberg
532 $\frac{1}{2}$ 4th Ave Newline

Mabel Kramlich
1610 18th Ave S. Martin

3014 Bevenue St Berkeley Cal.
Alex Lange 4465 Central Ave
222 E Ohio St. Indianapolis
Rough Notes Co. Ind

MEMORANDA

W. H. H. H.
of division of
also of

Scientific

Ass. Sec. of

June 24 20
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Haggberg
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Ohio St.
Co.

Experimentation

DOES the farm equipment industry as a whole fully appreciate the work of the experimental engineers? Probably not, for the experimental engineers are almost a race apart and they proceed quietly. The mechanical designer has to have a viewpoint of his own. Frequently it differs from that of the selling man.

Before a new model of any machine can be a success on the market, however, the two viewpoints must be reconciled. In the pioneer days of implement designing this wasn't so clearly realized. The designer, usually an "inventor," was often so deeply in love with his idea that such practical considerations as cost of manufacture and selling points were far from his mind.

Now and then it happened that the inventive genius had enough business sense, or enough acumen to associate with him others who had it, to build a flourishing industry. Some of the largest manufacturing organizations now known to the farm equipment world had such a start.

In one case a man had a highly developed inventive faculty. He kept on developing new tools, but wasn't hugely interested in the processes of economical manufacture and marketing. Fortunately, he had a son who was something of a genius at finance. Father and son complimented each other. Today the business they founded and nourished stands high in the trade.

In these days of mass production and wide distribution most of the designing is done by men especially educated and trained for the job. These engineers constantly study performance in the field. Part of their training enables them to heed the sober advice of the sales department without yielding anything essential on points of mechanical merit.

Field experimental work is constantly carried on by the larger manufacturing organization. Whether business is good or business is bad, these organizations continue the necessary work of experimentation. For they plan to serve the agriculture of the remote future just as they are serving it now and no temporary ebb of the tide is ever serious enough to get the minds of their engineers off the job of designing and developing newer and better farm machinery.

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For such steadfastness of purpose this trade and the farmer it serves should be eternally grateful. Whether they are or not is doubtful. It must be admitted that the processes of what we call pure science seldom get any large share of our attention. Most of us are interested in a machine only when it reaches the "practical" stage of

its development and many of us give vent to our skepticism even then.

But before a design can be practical it must be carefully and scientifically nursed through a long and tedious series of experiments, a process that would soon wear out the patience of most men who call themselves practical. It is here that the experimental engineers demonstrate their superior qualities. They are patient and they have an appetite for experiment that never ends.

Right this minute experimental engineers in the farm equipment field are at work developing old machines and designing new all up and down the Western Hemisphere. In out-of-the-way places they are watching the performance of agricultural machines and laboring to the end of improvement—constant improvement.

All this work is carried on at tremendous cost in terms of capital and at even greater cost in terms of human sacrifice and effort. Probably the men who carry on this work are not interested in having monuments erected in their honor. Their salaries and the reward of occasional achievement suffice.

But it behooves the industry at large to appreciate the kind of service that these men, more or less obscure outside their own organizations, give to this business of purveying modern equipment to the farmer. Without such appreciation the industry is bound to be poorer in understanding. As for the farmer himself, his whole future is wrapped up in the quality of the work they do.

JUNE	10	11	12	13	14	15	16	JULY	9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	.....	.....	.....	.....	.....	.....	.....		30	31	.....	.....	.....	.....	.....

