



**\$1500 to \$5000 Per Year**

have been made by hundreds of people operating the "American" Drilling Machines, 40 years' experience, 50 regular styles and sizes and the output of the world's largest manufacturers of this kind of machinery make

**"AMERICAN" MACHINES STANDARD**

Made in types for every kind of earth and rock drilling or mineral prospecting, equipped with any power, or engine, or our new traction engine. Our new 198 page Catalog Free.

**THE AMERICAN WELL WORKS**

General Office and Works:  
**AURORA ILL., U.S.A.**  
 Chicago Office:  
 First Nat. Bk. B'g.

**CULTIVATE OFTEN**

and you hold the moisture in the ground. Cultivate shallow or deep as the crop needs it and you reduce forgotten or unknown soil properties which are needed to make the crop grow properly. We have been making farm tools for 75 years and think we have as good a line of Riding Cultivators as you need to choose from.



**IRON AGE RIDING CULTIVATORS**

are long lived machines—adjustable for rows 20 to 50 inches, while in motion—both adjustable for depth and angle—pivot or fixed wheel, one row or two—high or low—wheels—work well on hillsides—farm drive and traw. A complete line. Our Anniversary Catalog will show you—also, potato machinery, garden wheel hoes and disks, etc. Address: **RATHEMAN M'FG CO., Box 657, GREENLOCH, N.J.**

Stocks carried at many convenient points in Canada. Ask for address of Nearest Canadian Agency.

**WALTHAM WATCH**

has been awarded highest honors at every International Exposition, and has taken every Gold Medal offered in America since 1875.

*"It's Time You Owned a Waltham."*

Send for descriptive booklet. **WALTHAM WATCH CO., Montreal, Can.**



**Dealers Increase Your Sales!**

Take a Look at the **Strite Governor Pulley**

It's the original and the only thing for driving cream separators with gasoline engines. Once tried, always used. TRY ONE. More in use than all others combined. Costs no more than imitations. Also, ask about our friction clutch pulleys.

**STRITE GOVERNOR PULLEY CO., 310 S. 3RD ST., MINNEAPOLIS.**

**PATENTS TRADE MARKS AND DESIGNS**

PROCURED IN ALL COUNTRIES

Special Attention Given to Patent Litigation.

PAMPHLET SENT FREE ON APPLICATION

**RIDOUT & MAYBEE 302 BAY ST. TORONTO**

breaking of this would necessitate the pressing horse power into the service, and as we had considerable wild land, we decided to invest in a small four bottom engine gang plow. As we were novices in plowing we decided to be on the safe side and take a small plow. Our engine, by the way, is a Sawyer-Massey tubular boiler compound engine of 20 horse power, geared only on one side. After thorough investigation our choice fell upon the four bottom gang stubble plow of the John Deere make.

Our plow was attached to the draw bar of our engine (the bar being a swinging one), with chain. The chain was attached at each side underneath the frame of the plow.

We had no difficulty in steering, as our engineer was a past master of the art. On starting we found that our engine had sufficient power to pull our plows through almost any kind of soil. The plows too seemed to do the work even better where the sod was close and tough, laying the sod over beautifully and making a first class job. Where the sod was not so strong it would sometimes fall back into the furrow. The land being hard and dry we weighted down the plows; in fact, we carried considerable wood for firing purposes on the plow. The falling of the sods back in places was due to the fact that the plows on the side next to the plowed land could not be lowered quite deep enough, there being about two inches difference in the depth of the plowing of the two furrows. I think this could be remedied by the dropping of the plow more on that side. In softer land perhaps this would not be practicable, but it is a defect, however slight, when plowing land like that described.

As to the area of land which could be plowed in one day of about twelve hours with the above mentioned outfit, I could not state definitely as we had to haul our water some little distance from the stream, there being no well convenient to this field. The tank used for hauling water was a five-barrel one, built of two inch planks. We had barrels distributed at certain distances along the field. These we filled with water after having filled the two small engine tanks on the engine platform.

When plowing one side of this field I might state that part was virgin prairie, plowing down willows of considerable size, some as large as three inches through. The work done on this land was such as to gladden the heart of the most particular plowman.

The land thus plowed will be seeded to oats and wheat this spring after part of same is disced. In conclusion, would say that, with my limited experience in plowing with an outfit of this kind, between eight and twelve acres could be turned per day on clear prairie land.

Yours truly,  
 Thos. & John Hay,  
 Gonor, Man.

**WE ARE OPEN TO BUY**

**HIDES AND FURS**

**OF ALL KINDS**

AT HIGHEST MARKET PRICES. SHIPMENTS SOLICITED


Write for our Fall Circular containing full list of prices.

**PIONEER HIDE & FUR CO.** Successors to **LIGHTCAP HIDE & FUR CO.**

172 to 176 KING ST., WINNIPEG P.O. BOX 1092

**A REVOLUTION COUNTER THAT'S RIGHT**

Discount to DEALERS \$1.00 By Mail



Do not guess at your speed

Buy a Tabor Stop Motion Counter

**THE GRANT MANUFACTURING AND MACHINE CO.**  
 110 SILLIMAN AVENUE - BRIDGEPORT, Conn.

**SHIP YOUR GRAIN THROUGH US**

**WE WILL LOOK AFTER YOUR GRADES**

References any Bank or Commercial Agency.

**THE CANADIAN ELEVATOR CO., LTD.**  
 WINNIPEG, MAN.

**ACME PULVERIZING HARROW**

Conserves All the Moisture for the Growing Crop



For use on irrigated or dry farms the "ACME" is the best tool on the market, because it packs the under soil and leaves the top soil mulched, which attracts and conserves all the moisture for the growing crop. Where the "ACME" is used there are no air spaces between the furrows, nor are any lumps or voids left. The "ACME" thoroughly pulverizes the soil, making a perfect seed bed. This harrow

**Cuts, Crushes, Turns and Smooths**

breaks up, pulverizes and prepares perfectly plowed sod or stubble on one operation. On summer fallow work the "ACME" keeps down the weed growth and conserves moisture. The action of the counters is such that all trash that has been turned under by the plow is left beneath the surface. Made in sizes from 3 to 12 1/2 feet wide. Suitable for every farm. Guaranteed against breakage. Send for our combined catalog and book, "Preparation of the Soil"—free, written by the highest authority, and shows how to raise the biggest crops, also illustrates and describes the "ACME." Ask your dealer about the "ACME" Harrow, or write John Deere Plow Co., Ltd., Calgary, Winnipeg, Regina, Saskatoon, Edmonton.

**DUANE H. NASH, Incorporated 119 Division Ave., Millington, N. J.**

**ALLAN, LANG & KILLAM**

Insurance and Financial Agents

**BULMAN BLOCK, WINNIPEG**

Fire, Life, Marine, Accident, Liability and Burglary Insurance

GUARANTEE BONDS - - - MONEY TO LOAN

**JOSEPH RODGERS & SONS, Limited**  
 SHEFFIELD, ENG.

Avoid imitations of our CUTLERY by Seeing that This EXACT MARK is on Each Blade.

**JAMES HUTTON & CO., MONTREAL**