FOR SALE

Two four bottom Mo'ine engine gangs with breaker bottoms and ex ra shares, price, \$160.— J. Hansford, Fairlight, Sask.

ENGINEER—Wants position on plowing outfit coming season in Man.tooa, Saskatchewan, or Alberta, Saskatchewan cerificate. Strictly tem-prate. Doown r-pairing, Refer-ness turnished. —Edward Winchester, Melita, Man.

Traveller Wanted. — Energetic, experienced Traveller wanted to sell Tureshing Machinery is Manitoba and baskatchewan. Address, Lox 579, Winnipeg.

Farm Machinery -- Its Development. Continued from page 10

have been known since 1836, but

they are now much improved and

British and American practices

in threshing machines are

radically unlike. The original Scottish thresher contained a

drum with beaters acting upon

the grain in the sheaf which was

afterward improved by making

the beating drum work in con-

cave, the grain and the straw

being rubbed between the two

and then carried to the shaker.

"The Western improvement upon this apparatus," says a high

authority, "consists mainly, be-

sides numerous details which

secure speed, lightness and effec-

tiveness in having upon the drum spikes or teeth which pass between fixed spikes on the

concave; the English still adhere to the flat beaters like narrow

wings or slats placed longitudin-

ally, with edges projecting out-wardly from the drum."

HAYING TOOLS.

implement which was first

patented and used in England;

but the English tedder was too

cumbersome for Western farmers

and our inventors soon produced

the light and efficient implements

now employed. The horse rake

was invented about the beginning

of the nineteenth century. In its

crude state it was estimated that

it did the work of six men.

Patents were granted for hay rakes as follows. A flop-over rake in 1822, spring-tooth rake in

1839, dumping su'ky rake in

1848. In very recent years there

have been numerous patents for

side delivery and other improved

forms of horse rakes. Machines

for baling hay and straw date from 1853. The continuous

press was invented in 1872, and is

now in quite common use among farmers, especially in its mounted

form, wherever it is desired to prepare hay and straw for long

distance shipments. Hay presses

at first operated by horse power

are now moved by steam or

gasoline engines. A later im-

provement in this connection was

the self-tying device, which

contributes to the elimination of

The tedder is another form of

This was

fed between ro'lers.

built to cut from 16 to 40 feet.

WANTED-One good Hart-Parr plowing en-fine, State price and terms.-Jos. Pantel, omerset, Man.

SOUTH AFRICAN SCRIP FOR SALE.

Cash and terms with good acceptable security to farmers in Alberta and Saskatchewan.—Address A. D. Mabry, Saskatoon, Sasg.

ONE R. R. FIREMAN can learn lecomotive iring for \$20.00 cash. Write to G. S. GUDMUND-ION, Frances, Man.

VALUABLE,—Farm for sale at a bargain if bought at once. All necessary buildings new sexcellent location. Creek at suble, eighty acres under cu'tivation, rest pasture, good fences, near Regina, Saskatchewan. For further particulars, write A. K., c. o. M. W. KAPELL, Pilot Butte, Sask.

FOR SALE. - South-African Scrip. Tw years' terms to farmers with acceptable security -ROMERIL-FOWLIE & Co., Prince Albert, Sask

FOR SALE —One Avery Steam Plow, 1906 nake, with en breaker and stubble bottoms and team lift complete, at Elm Creek, Manitoba. For further information address—WALTER M. GRIMES, Nokomis, 111., U.S.A.

WANTED—Second-hand Cockshutt engine gang plow, 8 or 10 furrows. Quote lowest price, F.O.B., railway., Jas. W. Mitchell, Arrow River, Man.

Widower will exchange Heintzman upright dano, style Classic, for horses, cattle or farm tock, or part trade and terms. Only one year n use; was \$500.00, now \$300.00—Box 3079, Winnipeg.

WANTED.—One reliable man in each locality with tig, or espable of hand-ing horses, on salary or commission, to introduce and advertise our Royal Purple Stock and Poultry Specifics to the trade and direct, post up large bills, 7 feet wide and 9 feet high, tack up tim signs, and generally look after the Introduction and advertising of our geods. Arely at once. W. J. Jenkins Mir. Co. London, Ont., Canada.

FOR SALE OR FXCHANGE-80 acres of land in Minnesota. Would be willing to sell for cash or excharge for a 45 H. P. Hart-Parr Gas Traction Engine.—J. F. Crossy, Hanlau, Sask.

FOR SALE-One doesn of our hardy improved Bush cherries, prepaid to any address in Manitoba, Alberta or Sask tchewan for two dolars. Perfectly hardy. Good canning fruit, Catalog fr. c. buchanan Nursery Co., bt. Chares Min.

Our ten dollar hardy fruit collection is just the thing for those who wish to plant fruits and do not know what twieties to select. Only the very best varieties for this country supplied. BUCHANAN NURSERY CO., St. Charles, Man.—Catalogue Free.

FOR SALE

One 15 H.P. Case Traction Engine, with or without 28 x 50 separator. For sale or exchange with a Gasoline Traction Engine.—WILLIAM BRAYSHAY, Kelloe P. O., Man.

FOR SALE

One 56 x 56 Great West Separator, with feeder and wind stacker. This separator has been run for 20 days last fall and is practically as good as new. Address: A. FORATH, Raymore, Sask., G.T.P.R.

BARGAINS

Give these bargains your attention. Four Case Portable Engines at \$15.00; two Miss Advance Traction \$60000, 18 and 29 H. P.; One Advance Traction Engine \$500.00 Everal good Separators to sait the above engines. See our Engines Price Present Security of the Advance of Engines atted with Gould Balance valves or engines attention of the control of the contr

Write us about them.
THE GEO, WHITE & SONS CO., LTD.
BRANDON, MAN.

FOR SALE

-6 H. Simple Portable Engine (Case) No. 18901 -12 H. Compounded " " 1374 -15 H. Simple Portable Case Engine 1365 -13 H. Simple Portable Case Engine 1365 -15 H. Compounder " 977 -971 -971 H. Simple Traction " 361n, d-lice"

1338 | 158 mple Traction | 1338 | 158 mple Traction | 136 m, 4:150 | 158 m, 4:150

gine
For price, terms, and conditions of any of the
bove engines write us. Our rebuilt engines are

bargains.
J. I. CASE THRESHING MACHINE CO.,
Winnipeg, Manitoba.

Conducted for the benefit of Dealers, Threshermen and Farmers who have anything to sell or exchange. Three cents a word for each insertion.

FOR SALE

One 30 H. P. Geiser Plow Engine. One tea bottom Cockshutt Plow. This outlit has only been in op ration for one season. A smap. Good reasons for selling.—JESSE C., O.BY, Warren, Man.

FOR SALE

One No. 2 Austin Well Drill Outfit with ¼ inch cable 350 feet long, weight 5 300. One 6 horse power upright Pairbank and Morse enaine, with Wizard Magnet attached loaded on 1-w truck. All in first class order. Address DIDSBURY, Box 188.

FOR SALE

20 H. P. J. I. Case Simple Traction Engine, run 75 days, J. I. Case 32 x 54 separator with feeder and blower, weighing bagger, 150 ft, 8 in. drive belt, 1 steel tans, and 1 wood tank and caboose, East terms of payment. Reference, Harrison Bros., Holmfield. Apply to Hendry Blackwell, Jr., Holmfield, Man.

FOR SALE

At hargains. Second-hand engines and separators of complete outfits. Thoroughly rebuilt and repainted. Go das new. A long list of select from. Write us your wants or come and see us.—AMERICAN-ABELL ENGYNE AND THRESHER CO., LTD., WINNIPEG, CANADA.

FOR SALE OR EXCHANGE

FOR LAND Good second-hand Portable Steam Engine, 26 h.p. double cylinder, separator and plows. Terms and price would be made most interesting to threshermen. Calvin Young Matleton, Minn. Apply to Mantfona Bridge and Iron Works, Winnipeg, Man.

FOR SALE

One 25 h. p. direct flue, Simple, heavy gear raction eagine. One 21 h. p. Compound, return flue, traction

engine.
(iuc 18 h. p. Simple, return flue traction engine, and one 25 h. p. Compound, return flue traction engine.
Also several others of our own and other makes. We also have several rebuilt separators of our own and other makes.
GAAR-SCOTT & CO., WINNIPEG

FOR SALE

SECOND-HAND AND REBUILT MACHINERY.
Two 25 H. P. Simple J. I. Case engines.
One 15 H. P. Compound J. I. Ca e engine.
One 15 H. V. Compound J. I. Ca e engine.
One 23 x 54 Wood Case separator.
One 23 x 50 steel Case separator, with v

One 28 x 50 steel case stacker, self feeder and weigher, stacker, self feeder and weigher, ACHINE CO., L. CASE THRESHING MACHINE CO., Calgary, Alberta

BARGAINS

One 20 h. p. Brandon engine, portable, which has been run but a sh-ot time and is in good order. This can be purchased at a bargia been to the control of th

low price on this.

We have some other goods not quite rearly list, and if any of the above is not what you wa write us anyway, and we are sure we can furni

HAUG BROS. & NELLERMOE, WINNIPEG.

FOR SALE

Two Rebuilt Threshing Outfits:
22 H. P. Port Huron Compound Traction Engine No. 5657, equipped with steel gearing and all plowing attachment.
with all attachments.
Price F.O.B. Winnipeg, Man., for full outfit of the Price F.O.B. Winnipeg, Man., for full outfit of the Price F.O.B. Winnipeg, Man., for full outfit of the Price F.O.B. Winnipeg, Man., for full outfit of the Price F.O.B. Winnipeg, Man., for full outfit of the Price F.O.B. Winnipeg, Man., for full outfit of the Price F.O.B. Winnipeg, Man., for full outfit of the Price F.O. B. Winnipeg, Man., for

gine vs. sase, ments.
36 x 50 Port Huron Rusher Separator No. 6680,
36 x 50 Port Huron Rusher Separator No. 6680,
with all attachments.
Price F.O.B. Winnipeg, Man., for full out\$2,300.00.

ipm nt.
We guarantee them the same as we do new

nachinery. Write CANADIAN PORT HURON CO., LTD., WINNIPEG. MAN.

ator, trator, with wind

DRY FARMING!

Dry Farming just a few years ago meant sure

Today all through the great semi arid beit where in 1880 to 1955 thousands of husky, ambitions men with the femilies were found to the seminary of the seminary and millions upon millions of eastern money vanished because of continued crop failure from drouth. A marvelous change has come, not by accident or because of climatic changes,

CAMPBELL. THE FATHER OF DRY FARMING. Ves, H. W. Campbell, the world wide recog-niced Father of the Great Revolutionizing Fro-cess of tilling the soil, known universally as the Campbell sys e-n of soil Culture, has spent over 30 years farming in the West observing and directing soil tillage experiments.

FOR 20 YEARS CAMPBELL WAS CALLED A CRANE

Farming the world over is now being moved by this crank.

Twenty years ago Campbell said the whole mi-arid belt could be successfully farmed, there smiled with great disgust.

Today it is being successfully farmed and all re smiling with great pleasure.

are smiling with great pleasure.

Five years ago Campbell said the average yield of the farms in every state in the Union could be doubled by Scient fice 3-il Culture. He is proving it. Are you interested?

No matter where you farm, Texas, Canada, Ca. ifornia, or Iridaina, with irrigation or with from Campbell's Scient fice Farmer. Sample copy, latest issue, 10 cents. Yearly subscription, 11.00. A postal card will bring free circulars publications. They are interesting.

THE CAMPBELL SOIL CULTURE COMPANY,

317 Insurance Building, Lincoln, Nebr.

SAVE THE HORSE" SPAVINCURE.

the Horse "Sparin Curs. A cursues us hours had practically be touden of four gard standing—the bound had practically be touden of four gard standing—the bound had practically be touden of four garden of the cursues. The standing of the cursues of the standing of the cursues of the standing of the cursues of the cursue of the cursue of the cursues of the cursue of the cursues of

Warranted to Give Satisfaction.

Gombault's

Caustic Balsam

Has Imitators But No Competitors.

Safe, Speedy and Positive Cure for Curb, Splint, Sweeny, Cappes Hock, Strained Tendons, Founcer, Wind Fuffs, and all lameness from Spavin, Einghons and other bony tumors. Cures all Skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Hories or Cattle.

Bunches from Horses or Cattle.

As a Bunna Remedy for Rheumaties,
Byrains, Sore Throat, vic., it is invainable.
Fivery butter of Quastic Balam, sold is
Warranted to give saits action. Price \$1.50
yers, charge paid, with full directions for
its use. EFficient for descriptive circulars,
testimolia, ic. Address

The Lawrence-Williams Co., Toronto, Ont.

Farmers' Elevator

Construction

Modern Plans
Write for information and prices.

E. Senior Estlin

Chamber of Commerce Winnipeg

ROY CHEMICAL CO. 148 Van Horn St., Tor and Bingh

ES

n











ris

:D

2

r

es.

ıat At