

LISTEN!

We are offering **Special Bargains** in **Shorthorns** just now. The **Reason** is that we have a **Large Stock** and **Feed is Scarce**. Most of you know the **Kind of Cattle** we have, so that it is useless repeating the usual formula. In order to **Reduce Our Stock**, so that we may be able to pull through the winter, we **Will Sell at Prices** which will **Well Repay the Purchaser** who has feed to keep them until spring. We have pretty nearly anything **You** want. If you can not come to see, write and tell us as nearly as possible what it is, and we will frankly tell you whether or not we can supply.

John Clancy, Manager. **H. Cargill & Son, Cargill, Ont.**

Lump Jaw

The first remedy to cure Lump Jaw was

Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with extensive information on Lump Jaw and its treatment, is given in Fleming's Vest-Pocket Veterinary Advisor. Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.

FLEMING BROS., Chemists,
75 Church Street, Toronto, Ontario

DEHORN YOUR CATTLE

Wonderful how it improves them. Heifers develop into better milkers. Steers fatten quicker.

KEYSTONE DEHORNER

does it. Cuts clean—hurts little—does not bruise flesh or crush bone. Write for free booklet.

R. H. McKenna,
Late of Pickton, Ont.
319 Robert St. Toronto

HERD BULL FOR SALE.

Lord Lieutenant (imported) No. =50050=, five-year-old. All stock bull, quiet and sure. 2 bulls just over 1 year. 3 bulls just under 1 year. Half dozen choice 1 and 2 year old heifers. All from imported sires, and some from imported dams. All are from good milking dams. Visitors always welcome.

SCOTT BROS., Highgate P. O. and Station.
M. C. Ry. and P. M. Ry.

SHORTHORNS

One roan Shorthorn bull highly bred—will sell at a great bargain. One pure white, two months old, cheap for quick sale. Cows and heifers all ages. Also a number of Chester White pigs that I will sell cheap if sold at once, as I have not the room to winter them.

D. ALLAN BLACK, Kingston, Ont.

Maple Grove Shorthorns

Herd headed by the grand show bull, Starry Morning. Present offering: Imported and home-bred cows and heifers, also a few young bulls. Terms and prices to suit the times. **C. D. WAGAR,** Enterprise Stn. and P.O. Addington Co.

SHORTHORNS

For want of stable room will sell cheap 10 heifer calves, 12 yearling heifers, 4 two-year-old heifers in calf and 3 red bulls about 14 months old. Right good ones. **CLYDESDALES.**—Two year-old mare in foal, and a good pair 4 and 5 years old. Write, or come and see them.

JAMES McARTHUR, GOBLES, ONTARIO.

PLEASANT VALLEY SHORTHORNS

For sale: 3 young bulls by Old Lancaster Imp. from Imp. dams, including Lancaster Victor, first prize at Bull Calf at Don at Sherbrooke, second at C. N. E., Toronto. Correspondence solicited. Inspection invited.

Geo. Amos & Son, Moffat Stn. & P.O.
C. P. R. Farm 11 miles east of City of Guelph.

Brown Lee Shorthorns!

Nonpareil Victor =63307= at head of herd. Young stock for sale at all times. Prices very reasonable. **Ayr, C. P. R.; Drumbo, G. T. R.**
DOUGLAS BROWN, Ayr, Ont.

MAITLAND BANK SCOTCH SHORTHORNS!

7 bulls, superior breeding, 11 to 15 months; 5 high-class bull calves 5 to 8 months; and a number of cows and heifers and heifer calves; at half prices formerly asked. **DAVID MILNE, Ethel, Ont.**

Scotch Shorthorns

Representing the choicest strains. Young stock of both sexes for sale.

F. W. Ewing, Salem P. O., Elora Stn.

WHEN WRITING ADVERTISERS PLEASE MENTION THIS PAPER

QUESTIONS AND ANSWERS. Miscellaneous.

CHIMNEY GATHERING DAMPNESS.

What is the cause of a chimney gathering dampness and leaking? Chimney is cement.

H. B.

Ans.—Did you ever notice, immediately after lighting your lamp, that the inside of the chimney becomes coated with moisture? When the oil burns water vapor is formed thereby, and this warm vapor, coming in contact with the cold glass, is condensed on it. As soon as the chimney becomes heated, the coat of moisture disappears, and no more condenses. The same thing takes place in the cement chimney referred to in your query. When coal burns, water vapor is likewise formed, and this warm vapor coming in contact with the cold cement condenses on it, and will leak until the chimney becomes as warm as the smoke containing the vapor. The cement chimney would be worse than one of brick, because cement is a better conductor of heat, and, consequently, it takes longer to become heated.

W. H. DAY.

O. A. C., Guelph, Ont.

PUMPING WATER INTO TANK—VALVES.

We are going to put in new pipes from windmill to tank in barn.

1. Would it not be better to have pipe enter tank at top instead of bottom, and so make less weight of water for windmill to lift? Well is 28 feet deep and 50 yards from tank, and the tank is on a level with top of the well.

2. Do you know of a satisfactory stop valve?

G. J. B.

Ans.—1. No. Your pump would really have less lifting to do if the pipe entered the bottom of the tank. The pressure of water does not depend upon the volume of water overhead, but on the depth. The lifting done by the pump would be the same, whether the pipe entered a tank 10 inches square or one 10 feet square, provided the surface of the water was at the same level in the two tanks. If the pipe runs in at the top of the tank, the water has to be lifted to a greater height by the distance from the water level to the top of the tank. But this would be a small amount compared with the total distance the water had to be lifted, and so is not an important factor. If the pipe entered the bottom of the tank, you would need a valve in it to keep the water from flowing out of the tank; but if it enters at the top, the water has no exit from the tank, save through the supply pipe. Therefore, I think it better that the pipe should enter at the top.

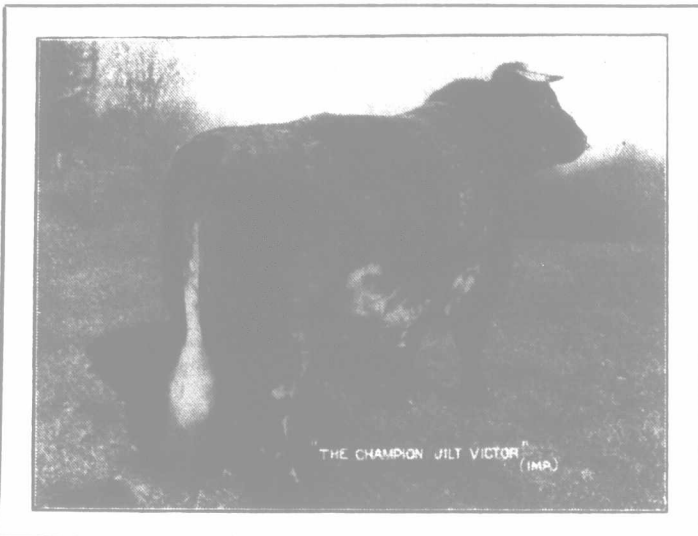
2. This question is not specific enough. There are many satisfactory stop valves of different designs for various purposes. A valve in the pipe to prevent back flow would be of one design, one in your watering trough to shut off supply when the tank was full would be of an entirely different design. For the latter purpose, about which I judge you are asking, an air-tight metal float, or even a wooden float, on the end of a lever can be made to press a rubber cushion against the opening of the supply pipe. Any good mechanic could construct it for you.

WM. H. DAY.

O. A. C.

P. C. Pettit, Burgessville, Oxford Co., Ont., advertises for sale young Holstein bulls, cows and heifers. The herd is headed by the richly-bred bull, Sir Mercen's Effort, a son of the champion cow, Effort 7th. See the advertisement, and write for particulars.

Salem Herd of Shorthorns



THE CHAMPION JULY VICTOR (IMP.)

The number of important premiums won by this herd is excelled by no other. It has placed herd headers that have earned distinction for their buyers in many leading herds of the United States and Canada. At present there are a number of this kind for sale; also some high-class heifers. They are bred, fed and priced to the advantage of buyers.

J. A. WATT, SALEM P. O.

Elora Stns., G.T. and C.P.R., 13 miles north of Guelph. Long-distance 'phone.

Spring Valley Shorthorns

Bulls in service are: Bapton Chancellor (imp.) = 40359 = (78284), Clipper Chief (imp.) = 64220 =, Stock for sale at all times.

KYLE BROS.,

Ayr, Ontario.



John Gardhouse & Sons

Importers and breeders of Scotch Shorthorn cattle, Shire and Clydesdale horses, and Lincoln sheep. Call and see us.

Highfield P. O., Weston Station 2 1/2 Miles. Telephone.

LIVINGSTON'S OIL CAKE MEAL.

OLD PROCESS

Nothing is better for fattening steers quickly and putting them on the market in prime condition than Oil Cake Meal. Thousands of Canadian and English stockmen use Livingston's, and would have no other. It is equally good for milk cows. They give more and better milk when fed Livingston's Oil Cake Meal. Also used for horses, sheep and hogs. Write for information regarding prices, etc., etc., to

DOMINION LINSEED OIL CO., LIMITED
Montreal, Que. **Baden, Ont.**

Glover Lea Stock Farm SCOTCH SHORTHORNS

Superior breeding and individual excellence. For sale: Bulls and heifers—reds and roans, some from imp. sire and dam. Visitors met at Ripley station, G. T. R.

R. H. REID, PINE RIVER, ONTARIO.

FLETCHER'S SHORTHORNS & YORKSHIRES

Present offering: Young bulls, red or roan, 10 to 12 months old, sired by my noted stock bull (Imp.) Joy of Morning; also heifers and cows in calf. In Yorkshires: Choice sows bred, and boars fit for service, from imp. sire and dam.

GEO. D. FLETCHER, Binkham P.O., Ont
Erin Stn., C. P. R.

Shorthorns! BELMAR PARC.

John Douglas,
Manager.

Peter White,
Pembroke, Ont.

Calves for sale by our grand quartette of breeding and show bulls:

Nonpareil Archer, Imp. Proud Gift, Imp.
Marigold Sailer, Nonpareil Eclipse.

Females. Imported and from imported stock in calf to these bulls.

An unsurpassed lot of yearling heifers.

SHORTHORNS A. EDWARD MEYER, AND LINCOLN SHEEP.

Two bulls, 11 and 12 months old—a Miss Ramden and a Bessie, both by the good breeding bull, Proud Gift = 50077 = (Imp.), also cows and heifers in calf by him. Inspection solicited. Always have some choice Lincoln sheep for sale at reasonable prices.

J. T. GIBSON, DENFIELD, ONTARIO.

Scotch Shorthorns

exclusively. Herd bulls: Scottish Hero (imp.) 55042 = 00005, a Shethin Rosemary; Gloster King 68703 = 283804, A. H. B. a Cruickshank Duchess of Gloster. Young stock for sale. Long-distance 'phone in house.