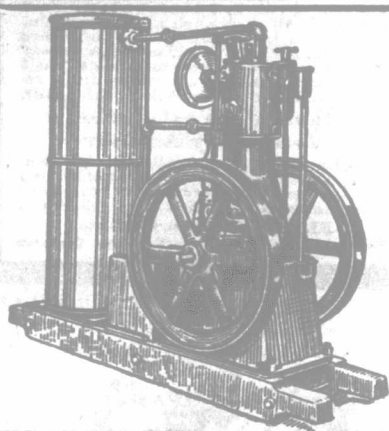


DON'T STOP to ask your neighbors. Lift the load yourself with THE BURR SELF-LOCKING TACKLE BLOCK.

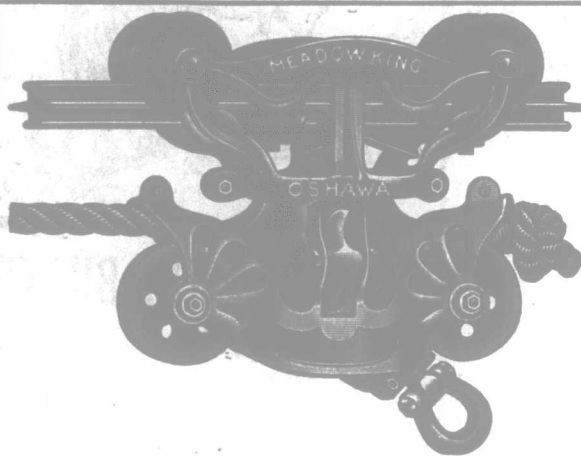
Can be used in any position and lock securely. The heavier the load, the tighter it locks. Never destroys the rope in locking. For butchering, stretching wire fences, lifting wagon-boxes, sick or injured animals, etc., it is indispensable to farmers. Saves labor of two or three men. 600 to 5000 pounds capacity. Ask dealers or write **LEWIS BROS., Ltd., Montreal, Can.**



THE "CHAMPION" Gas and Gasoline Engine

The only gasoline engine that is sold on trial and guaranteed satisfaction or no sale. The price is low. Write for particulars.

WM. GILLESPIE, 98 East Front St. TORONTO, ONT.



Make Hay While the Sun Shines

MOST COMPLETE LINE OF
HAY TOOLS IN CANADA.

**STRONG
SIMPLE
SATISFACTORY**

**Oshawa Hay Carrier
Works,
SOUTH OSHAWA, ONTARIO.**

Farmers and Cattlemen Read This

When you cannot sell your export cattle at satisfactory prices at home, and wish to ship them to the Old Country markets, write or wire for steamer space, market and shipping information to **Donald Munro, Live-stock Forwarding Agent and Commission Salesman, 43 St. Sacramento St., Montreal.**

Load your cattle carefully, and bill them to me. I provide the necessary feed, insurance, etc., pay freight and all other expenses from shipping point, and give liberal cash advances on all consignments. Cattle are loaded on steamer under my personal supervision, and placed in charge of capable attendants for the ocean voyage. I represent the most reliable salesmen at all the different British markets.

BUSINESS ESTABLISHED 1890. REFERENCES: THE MOLSONS BANK, MONTREAL.

1854 Maple Lodge Stock Farm 1908

One handsome roan **SHORTHORN BULL** for sale, and several choice heifers.

LEICESTERS of the best kinds, bred from champion prizewinners. Several in good show fit.

A. W. Smith, Maple Lodge, Ont.
Lucan Crossing Station, G. T. Ry.

Valley Home Shorthorns AND BERKSHIRES.

For sale: Young bulls from eight to twelve months old. Young cows and heifers safe in calf, and young yearling heifers not bred yet. Also young Berkshire pairs supplied not akin.

S. J. PEARSON, SON & CO., MEADOWVALE, ONT.
Stations: Meadowvale, G. P. R., and Brampton, G. T. R.

Shorthorns! BELMAR PARK.

John Douglas, Manager. **Peter White, Pembroke, Ont.**

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

Monarch Archer, imp. Proud OR, imp. Marigold Sailer. Monarch Solitaire.

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

An unsurpassed lot of yearling heifers.

SPRING VALLEY SHORTHORNS

We still have three choice young bulls that will be sold very reasonable, as we do not care to run them over; also a choice lot of cows and heifers, bred to the champion, Clipper Chief, imp.

KYLE BROS., AYR, ONTARIO.

SCOTCH SHORTHORNS!

Bull and heifer calves for sale. The best of breeding, color and individual merit. Sired by the Cruickshank Brawith Bud bull, Golden Cross (imp.). Come and see our herd.

R. H. REID & SONS, PINE RIVER, ONT.
Clover Lea Stock Farm.

5 Shorthorn Bulls 10

IMPORTED HOME-BRED
Herd headed by the grand champion, Prime Favorite, imp. You cannot afford to buy without seeing these bulls. We will appreciate a visit. Females of all ages and most popular lines of breeding. Bell telephone on each farm.

Burlington Jct. Stn., G. T. R. W. G. Pettit & Sons, Freeman, Ont.

A. Edward Meyer, Guelph, Ont. P. O. BOX 378

Breeds **Scotch Shorthorns** exclusively.

Twelve of the most noted Scotch tribes have representatives in my herd. Herd bulls: **Scottish Hero (imp.) = 55049 = (90065) 295765 A. H. B.;** **Gloster King = 68703 = 283804 A. H. B.** Young stock for sale. Long-distance phone in house.

Advocate Advertisers Reap Results.

MAPLE GROVE SHORTHORNS

Scotch and dairy bred; up-to-date in type; prize-winners at the local shows. A number of 1 and 2 year old heifers. 1 year old bull, and one 5 mos. old—the last will make a show bull. Flora bred—will be sold easy.

L. B. POWELL, Wallenstein Ont., P. O. and Stn., G. P. R.

FOR SALE: 4 Shorthorn Bulls fit for service. Dairy type. Some of them from imp. cows, and all got by Broadhooks Prince (imp.) 55008. Prices the lowest. Also cows or heifers. 60 head to select from.

DAVID MILNE, ETHEL, ONT.

QUESTIONS AND ANSWERS. Miscellaneous.

LADY'S SLIPPER.

I send a wild flower and ask for cultural directions, with a view to transplanting it.

A. M.

Ans.—The specimen is *Cypripedium spectabile*, the showy lady's slipper. It belongs to the Orchid family and produces the handsomest flower of that interesting order native to this country.

Transplant it to a mixture of rich, peaty loam and sand; give it abundance of water and drainage. It thrives best in springy situations. Try to reproduce the conditions of soil, moisture and sunshine in which you find it growing wild.

J. D.

BINDWEED—GRAPE GALL.

I send a weed for identification and a specimen of a disease on grapevine. Can you describe and give means of getting rid of these?

C. A.

Ans.—The weed is the hedge bindweed. While not so difficult to eradicate as its relation, the field bindweed, the only effective means of exterminating it is by constant hoeing and removing its slender perennial roots. The roundish, smooth and reddish excrescences on the young stems and petioles of the grape are produced by the larvæ of a small, reddish fly with black head and gray wings. On cutting open one of the protuberances you will find one or several cavities, each containing a small, yellowish larva. The substance of the gall is juicy and has a not unpleasant acid taste. The gall is known as the grape tomato-gall. Hand-picking is the prescribed remedy, but many of the larvæ are destroyed by parasites.

J. D.

TOAD FLAX—MEADOW SALSIFY —OAK APPLE.

Weeds Nos. 1 and 2 are just making their appearance in our fields. What are their names and nature. What is the cause of the growth of specimen No. 3?

J. L. H.

Ans.—Weed No. 1, with short linear leaves and yellow, spurred flowers, is toad flax. It is a perennial which spreads by root and seed. No. 2, the tall, narrow-leaved plant with bearded seeds, is the meadow salsify or yellow goat's-beard (*Tragopogon pratensis*), a biennial relative of the garden salsify. The first is a weed of the old pasture-field and roadside; neither of them will become troublesome on a farm where proper crop rotation is pursued. No. 3 is a smooth, globular gall produced by one of the more than 100 species of Cynips whose larvæ live in the tissues of the oak. This particular one is known as the oak apple. Cut one open and find the larva in a curious fibre-supported nodule in the center of the gall.

J. D.

THOUSAND-HEADED KALE.

Please give information on growing thousand-headed kale as pasture. Will it taint the milk in dairy cows, or is it not similar to rape? Can you tell me whether it is a weed that is hard to get rid of after growing, or will it not continue in the soil in after years? How much should I sow broadcast per acre, and is it time yet to sow now any time? I was told it is better green feed than rape. I have been a reader of your valuable paper for some time. I think it can't be beat as a first-class farm paper.

YOUNG FARMER.

Ans.—On the experimental plots at the Ontario Agricultural College, Guelph, thousand-headed kale has given during the past eight years an average yield of 22.6 tons per acre, as against 21 tons yielded by rape. Prof. Zavitz considers that it should make excellent feed for beef cattle, sheep and hogs, but is not suitable for milch cows, as, like rape, it taints the milk. He has not found, nor would he anticipate any particular trouble in ridding the land of kale. As to sowing, drills 28 or 30 inches apart are preferred to broadcasting. Drill at the rate of 1½ to 2 pounds of good seed per acre. Broadcasting would require four or five pounds. It may be sown in June or early in July. If feed is wanted for dairy cows, a mixture of Early Amber sugar cane and Hungarian grass could probably give better results.

PERCENTAGE OF FAT IN BUTTER.

State the exact amount of butter-fat in one pound of butter. **READER.**

Ans.—The fat content of butter varies considerably, ranging from 80 per cent. or less in some samples, up to as much as 90 per cent. A fair average would probably be about 84 per cent., though of late years there is a tendency to incorporate a somewhat larger percentage of water than formerly, which proportionately reduces the fat content.

INDIGESTION.

Have a mare which had several bad attacks of acute indigestion. By veterinary treatment she has always recovered. Is there any treatment she could have to prevent her from taking this. She is a big eater and drinks a lot of water.

J. N.

Ans.—Have her teeth examined by a veterinarian, and, if necessary, treated, to secure proper mastication of her food. Feed comparatively small quantities of hay or cut grass. Feed crushed oats, or some bran with whole oats. Give water little and often, and always before feeding. Feed a dessert spoonful of the following night and morning for a week: Equal parts sulphate of iron, gentian, ginger, nux vomica, and bicarbonate of soda. When affected give 1 oz. fluid extract of Belladonna and 1½ oz. nitrous ether in half pint cold water.

Veterinary.

AZOTURIA—CATARRH.

1. Aged mare, after two days' rest, was driven, and after going about half mile seemed to lose power of her legs and fell. Got up and acted as though she would fall again. How should she be treated?

2. Give treatment for catarrh in sheep.

E. B.

Ans.—1. She had azoturia, which often occurs when horses are driven, after a few days' idleness. She should have been taken to the nearest stable and given a purgative of 8 drams aloes and 2 drams ginger and given 2 ozs. albumen in a pint of cold water as a drench every 4 hours until better. If down and unable to rise, she should be well bedded and kept comfortable, and the urine drawn off with a catheter every 8 hours until able to rise.

2. Steam heads well with steam from boiling water three times daily and give 10 grains sulphate of copper three times daily.

V.

GOSSIP.

A woman followed by three-quarters of a dozen children of varying sizes, climbed into a London street car last week. "Are these all yours, or is it a picnic?" asked the conductor. "They're all mine, and it's no picnic," answered the little mother.

A young Holstein bull, bred in extra good producing lines, a son of the Great Pontiac Korndyke, said to have more high-testing daughters in the Advanced Registry than any other bull living, dam by a son of De Kol 2nd's Paul De Kol, is offered for sale by E. H. Dollar, Heuvelton, N. Y., near Prescott, Ont., in his advertisement in this paper.

An old friend of the family had dropped in to see a young lawyer whose father was still paying his office rent.

"So you are now practicing law," the old friend said, genially.

"No, sir," said the candid youth. "I appear to be, but I am really practicing economy."—Youth's Companion.

The prize list of Central Canada Exhibition at Ottawa, to be held this year Sept. 18th to 26th, has been issued, and makes a good showing of liberal cash prizes, besides some 45 gold medals and large numbers of silver cups and medals. The Ottawa Exhibition is well managed and is one of the most interesting and enjoyable institutions of its kind in the Dominion. Entries close Sept. 16th. For copy of prize list write Secretary E. McMahon, Ottawa.