

BLACK KNIGHT STOVE POLISH

FOR BRIGHTNESS BLACK AND LIGHTNESS, USE KNIGHT

A PASTE NO WASTE | THE F.F. DALLEY & LTD. HAMILTON, ONT. | No DUST No RUST



Use Coal Oil—12c. For 10 Hours

This is the cost for Coal Oil per horse power to run this engine, figuring the price at 16c. a gallon. Don't let the high price of gasoline prevent you from having cheap, safe and dependable farm power.

ELLIS ENGINE

Will develop more power on a gallon of the cheapest coal oil than other engines will do on a gallon of high-priced gasoline; no danger of fire or explosion. Simplest engine on the market, only three working parts; starts without cranking; runs either way; no excessive weight; guaranteed 10 years and will last a life-time. Anyone can run it; very complete instructions furnished.

Make Us Prove It Don't let any competitor or agent tell you that Ellis Engines will not use coal oil satisfactorily; ask anyone who saw them run at Toronto Exhibition. Let us prove it to you under actual working conditions on your own place before you buy. We'll ship an engine from Windsor, Ontario, on 30 day's trial, freight prepaid, so you will have neither duty nor freight to pay. If we don't prove our claims, send the engine back. Write to-day for catalogue and opinions of users in all parts of Canada.

ELLIS ENGINE CO., 94 Mullett Street, Detroit, Mich.



Big Ben



To wake up on the installment plan

Big Ben gets you up on the installment plan, a little at a time, by ringing every other half minute for ten minutes, so you'll wake up gradually. Or he'll do the whole job all at once, with one long, straight, five-minute ring.

You can set him to do it as you choose, and shut him off short in the middle of his call either way.

That makes him two good clocks in one, to suit everybody's taste in early rising.

He plays no pranks. He won't go off before it's time and rob you of your full measure of sleep. He won't go off behind time and rob you of your work time. It's Big Ben's business to run on time, to ring on time and stay on time.

Big Ben attends to his own business and helps you attend to yours by getting you and the farm hands out early.

Then he sticks around the house and keeps time all day for the women folks so they can have their meals on time.

There never was a clock that fitted in better with farm work.

He's triple-nickel plated and so handsome you'll want to keep him in the parlor instead of a bedroom.

Stands seven inches tall from the top of his head to the tip of his toes; has big, easy-winding keys, large hands, and big figures that you can read at a distance on dark mornings, and is built of good implement steel so he'll last for years. He's doing this kind of work in 3,000,000 American homes today.

Six thousand Canadian dealers sell him—his price is \$3.00 anywhere. A community of clock-makers stand back of him. Their imprint, "Made in La Salle, Illinois, U. S. A., by Westclox," is the best alarm-clock insurance you can buy.

Questions and Answers. Miscellaneous.

Difficult Churning.

What is the reason we have to churn so long? We always churn an hour, and sometimes nearly two hours. We have tried everything we know, such as scalding the cream, and always put it in cold water to cool it well. It was the same when we had a fresh cow.

A FARMER'S DAUGHTER.

Ans.—Common causes of difficult churning are thinness of cream and churning at too low temperature. Try a temperature of 58 to 60 degrees F. Cows advanced in lactation frequently give milk with a hard butter-fat. If you run a separator, turn the cream screw so as to skim a cream of not less than 30-per-cent. fat. If the weather is cold, bring the temperature a little higher. Perhaps one stripper cow may be causing all the trouble. Do not fill the churn up to half full, and do not turn too fast. Ripen the cream quickly with a good starter of sour cream. Old cream sometimes gives difficulty.

Horse Grunts.

I have a horse which has been ailing for some time. The first I noticed was when we stepped him down a step or moved him forward, he would grunt. When driving him single he appeared to be afraid of the shafts striking his sides; also in starting him off he seemed to be sore in his body. When in the pasture-field he was unable to reach to the feed unless he placed one fore leg forward. Have had a veterinarian attending him for about two months, and on examining him he stated that the soreness was behind his fore legs. He used mustard plasters, and at present we are using flannel cloths wrung out of very hot water about every hour and a half during the day, and put on warm, dry blankets for the night. This seems to give very little relief as yet, and lately he is stocking badly in the hind legs. There appears to be nothing else the matter with the horse, as he feeds well out of the manger.

W. H.

Ans.—No doubt your veterinarian is prescribing proper treatment. Do not feed too heavily on grain while standing idle. A light grain ration, and light exercise, if he is able to take the latter, should reduce the stocking. If your veterinarian is not now attending the case, you had better advise him as to the animal's condition.

Service Fees.

I took a pure-bred cow to A's place to be bred to a bull, and when I got there A had sold the bull, but said he was getting another right away, and that he might get an imported bull, and if he did get an imported bull he would charge \$10 for pure-bred and \$2 for grade cows. I returned cow to A's place and had her bred, but nothing was said about charges, nor that it was an imported bull he had got. This summer when my cow calved a bull calf, it was a poor specimen—a regular slab. A was at my place and I showed him the calf and told him if it didn't improve I would castrate it. A said it might turn out all right. I fed calf all the new milk it would drink twice a day for about seven weeks, when it was evident it would make a poor bull, so I castrated the calf, for I thought a fair steer better than a poor bull. This was the cow's second calf. The calf she had last year was as nice as could be desired. I met A on the road and offered to pay him \$2, the amount he was charging for grade cows, but he would not take it. He said my cow was pure-bred and he would charge me \$10. I told him I did not want a pedigree, and as my calf was castrated, it was just the same as a grade. Can A collect \$10? Is not the extra price between grade and pure-bred for getting owner of bull to sign pedigree application?

M. D. J.

Ans.—It is more than likely that A can collect \$10 service fees. It matters not to him what kind of a calf you get, or what you do with it. His charges are based on the breeding of the cow served, and if your cow is pure-bred, and he is making a regular charge of \$10 for pure-breds served, you will have to pay, unless he sees fit to be lenient in your case because the calf was inferior.



**\$100 to \$200
PROFIT PER MONTH**

Selling Farmers What They Need

Every farmer in Canada needs and uses our kind of goods. Over 2,000 men are making big money selling Rawleigh Quality Products, Household Remedies, Extracts, Spices, Soaps, Toilet Articles, Stock Remedies, Poultry Supplies, etc. Every article of the highest quality, well known and reliable.

We want a man at once in every locality to represent the greatest Buying, Manufacturing, Distributing and Selling Organization in North America. Established 19 years. Capital and Resources over Two Million Dollars. References, Dun's, Bradstreet's, or any bank in Winnipeg.

We offer you the opportunity to

Get Into Business For Yourself

With little competition. We are the only concern of our kind who own and operate a factory in Canada. No duty. Freight services prompt.

We want men of good standing in their community, who can furnish satisfactory testimonials, and jump for the conduct of the business. No experience required. We teach you how to handle the goods successfully and stand back of you with the services of our great organization.

If you can meet our requirements, write for particulars of our matchless offer.

The W. T. Rawleigh Medical Co.
50 Henry Street
Winnipeg, Man.

Aylmer Superior Level Force Pump

For Hand and Windmill use. Has Six, Eight, and Ten-inch Stroke. Adjustable Base.

Fig. 36.

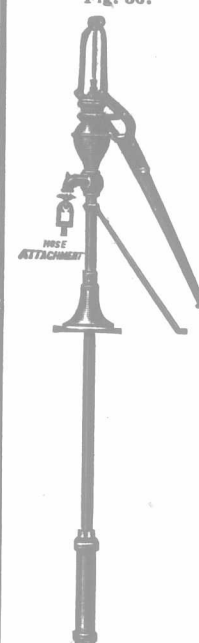


Fig. 36 represents our Superior Lever Pump, fitted for hand and windmill use. Made in 1½ and 2-inch.

This style of lever and fulcrum has several advantages over the ordinary style; having longer stroke, the power is greater, making it work easier. The handle being wood, they are not so liable to break in frosty weather.

The base is adjustable, admitting of top being raised or lowered to any position desired.

The handle is drilled for three lengths of stroke. Six, eight, and ten-inch stroke.

This is readily converted into a Windmill Pump by the addition of a flat bar, which screws into the cross-head on top.

Cylinders capped inside require to be two inches longer to obtain same stroke.

This pump is adapted for all depths of wells; furnished with Iron, Brass Body or Brass Lined Cylinder. You'll never regret placing one of these pumps on your farm. Write us to-day for prices and illustrated catalogue free.

Aylmer Pump & Scale Co.
Aylmer - Ontario



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and Complete Dancing Master. Cloth bound. Price, postpaid, only 50c. Write for large catalogue of books, free.

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