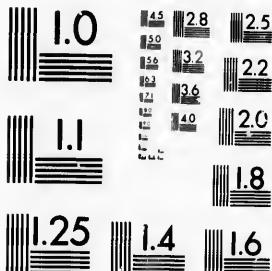
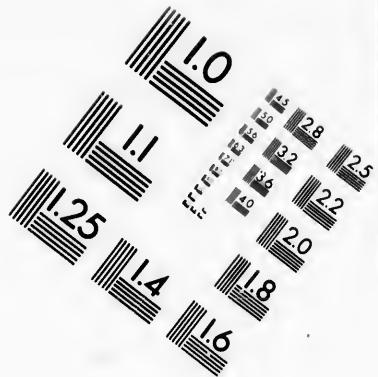
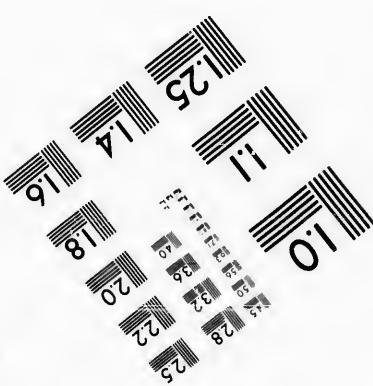


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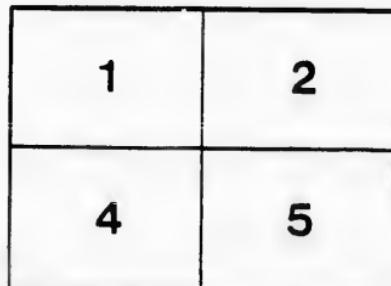
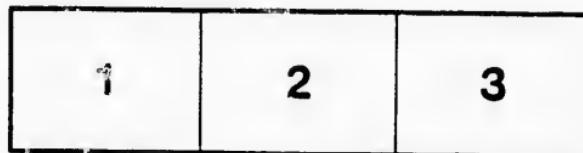
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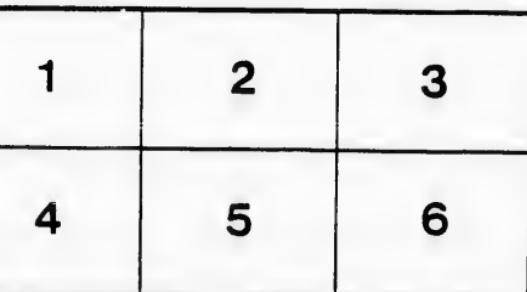
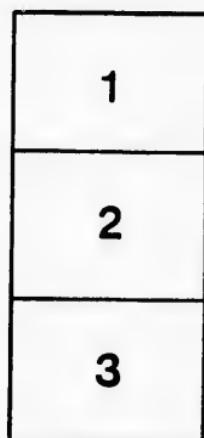
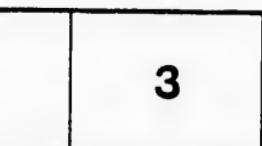
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— OF —

— PUMPS —

Haying Tools, Extension Ladders,

ETC., ETC.

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READ THIS CIRCULAR CAREFULLY AND WRITE FOR AN AGENCY.  
WE WANT GOOD ACTIVE SALESMEN AND WILL DEAL  
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**L**IN presenting to our customers and the public our new illustrated catalogue of Force and Lift Pumps, Hay Carriers, Forks, Slings, Extension and Step Ladders, and several other lines of Farm Implements, &c., we desire to thank them for the patronage of the past, to call their attention to the numerous and important additions to the lines of goods previously offered and to assure them that, by careful and prompt attention to their requirements, we shall endeavor to merit a continuance of their patronage.

We do not pretend to build for present profits only, but for the future, hoping to reap the benefit of having made a lasting reputation.

Catalogues and prices will be sent on application, and supplements will be issued showing our new goods and special lines, as we shall rapidly increase the variety of them, devise new patterns, and aim at being the largest manufacturers of the lines of goods contained in our catalogue, in Canada, with quality and finish exceeding anything in the market.

Liberality of dealing shall always characterize our house and continue to be our maxim, and our customers at all times shall be carefully guarded and protected.

Soliciting your patronage,

We are

Yours respectfully,

**LAING RITCHIE & CO.,**  
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## The Great Advantages We Claim

—FOR OUR

## Double-acting Non-freezing Force Pumps

ARE AS FOLLOWS :

1.—The adaptability and simplicity of structure enables them to be used for so many different purposes.

2.—The working part which sets in the bottom of the well is iron and steel and so constructed that there is no friction to wear or injure the pump.

3.—They are superior to all other pumps by being Double-Acting, throwing water by every motion of the handle, while nearly all others throw with the down stroke only.

4.—It is a powerful Force Pump, and will force water through hose from 30 to 100 feet from end of nozzle, thus making it almost invaluable for washing buggies, sprinkling lawns, gardens, &c., and extinguishing fires.

5.—They being Double-Acting, giving a continuous stream of water, each pump doing the work of two single-acting pumps of the same calibre, thus doing a greater amount of work with less labor than any other pump.

6.—By the special construction of this pump you have Double-Action with only one cylinder, which makes it more compact and much stronger than any other pump.

The workmanship and quality of material used in their manufacture, and the small amount of friction while in use, makes them more durable than other pumps. From our experience and personal observations which cover several years, we have no hesitation in saying that our pumps stand second to none in Canada and the United States.

*Write for Prices and Discounts.*

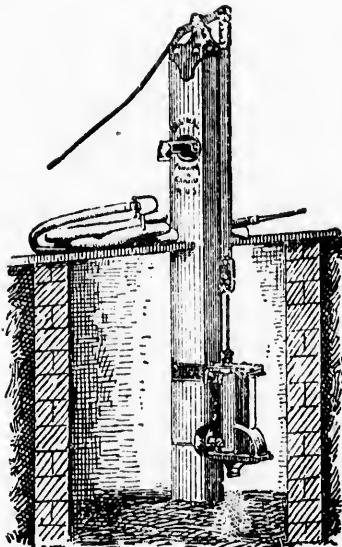
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4 LIXING, RITCHIE & CO., ESSEX.

The Original  
DOUBLE-ACTING NON-FREEZING  
FORCE PUMP  
FOR DUG WELLS.

(Patented in Canada and United States.)

With Wrought Iron Adjustable Handles.



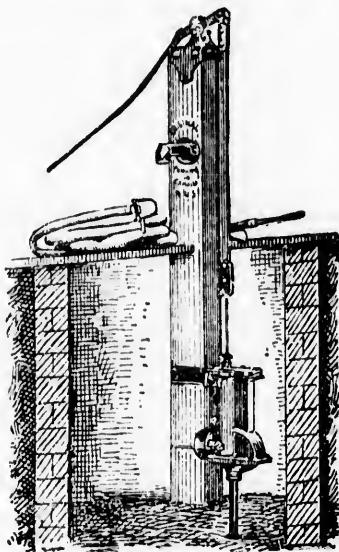
With Wrought Iron Adjustable Handles.

The Cheapest Force Pump ever sold, and has been pronounced by practical mechanics as being the best general purpose pump on the market.

Agents  
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THE ORIGINAL FORCE PUMP IS OFFERED SOLELY ON ITS MERITS.

The Original Double-acting  
**FORCE PUMP**  
FOR DRILLED WELLS, &c.



The Original Double-acting Force Pump for  
Drilled Wells, and especially adapted for  
Washing Machine Tanks.

The superior merits of this pump over all others now in use is  
making a reputation that cannot be gainsaid.

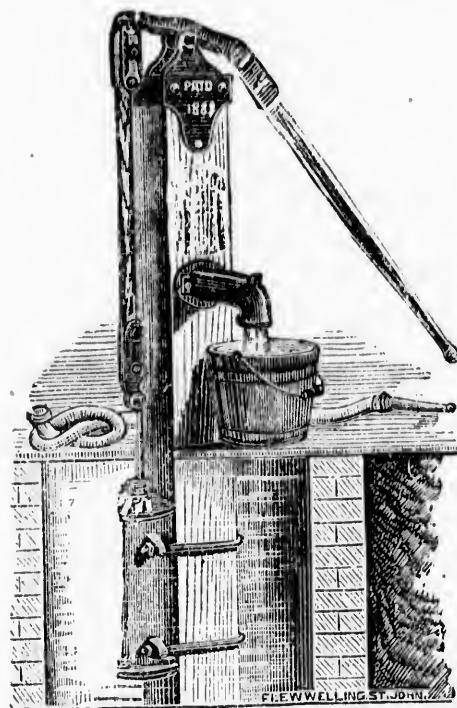
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Agents wanted. Exclusive agencies given, and reasonable terms  
made with manufacturers to make the goods on royalty  
or manufacturer's rights granted in the  
U. S. and Canada.

ITS MERITS.

## THE LITTLE RIVAL.

THE CHEAPEST PUMP IN CANADA.



THE CHEAPEST PUMP IN CANADA.

This pump, as shown by the cut, has an Iron Cylinder, is Double-Acting, and Non-Freezing.

For wells not over twenty-five feet, it is one of the Best and Cheapest Pumps ever offered to the public.

Purchasers will do well to write us or call and see this pump for themselves before purchasing elsewhere.

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## LITTLE JACK.

This Pump is Used Principally for Deep Wells.

THE CHEAPEST PUMP IN CANADA.

For Drawing Water

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RIVERS,

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CISTERNS,

ETC., ETC.

It is made of

MALLEABLE

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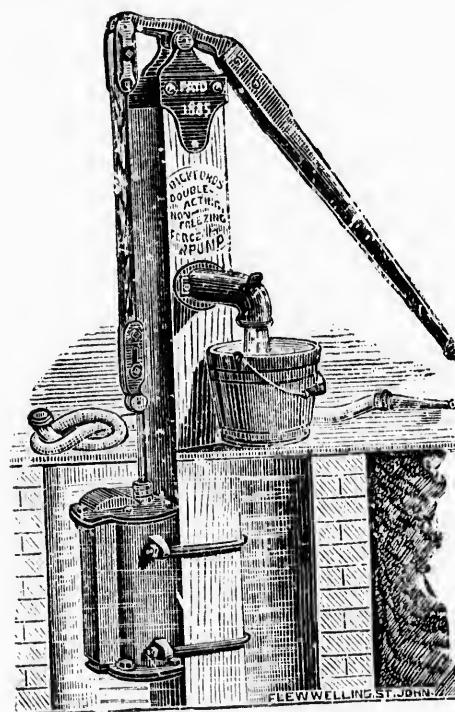
## LITTLE GIANT.

st and Cheap-

We make several different sizes and kinds of heads, and cylinders from 3x10 to 4x14. All are put up with the greatest of care and of the best material. Prices ranging according to size and quality.

THE NIAGARA  
**DOUBLE-ACTING FORCE PUMP**  
 FOR SHALLOW WELLS, &c.

PATENTED IN CANADA AND



This pump has been exhibited in competition with hundreds of pumps and never failed to carry off the highest prize awarded. Best record of all.

**PRIZES WON.**

First Prize at Ogdensburg, N. Y. 1886; First Prize at Provincial Exhibition, London, Canada; First Prize and Diploma at Hamilton Great Central Fair; took medal at Industrial Exhibition, Toronto; took Medal at Industrial Exhibition, Montreal.

The Niagara Double-acting, Non-freezing Force Pumps are acknowledged by all who have examined or used them to be the very best and most serviceable pump in the market for Raising Water, Washing Carriages, Sprinkling Lawns, and Extinguishing Fires.

- 1 Air Chamber.  
 2 Bracket or Casing.  
 3 Shaft.  
 4 Handle Arm.  
 5 Planetary Arm.  
 CYLINDER No. 4

10 11 12 13 14 15 16 17 22 23

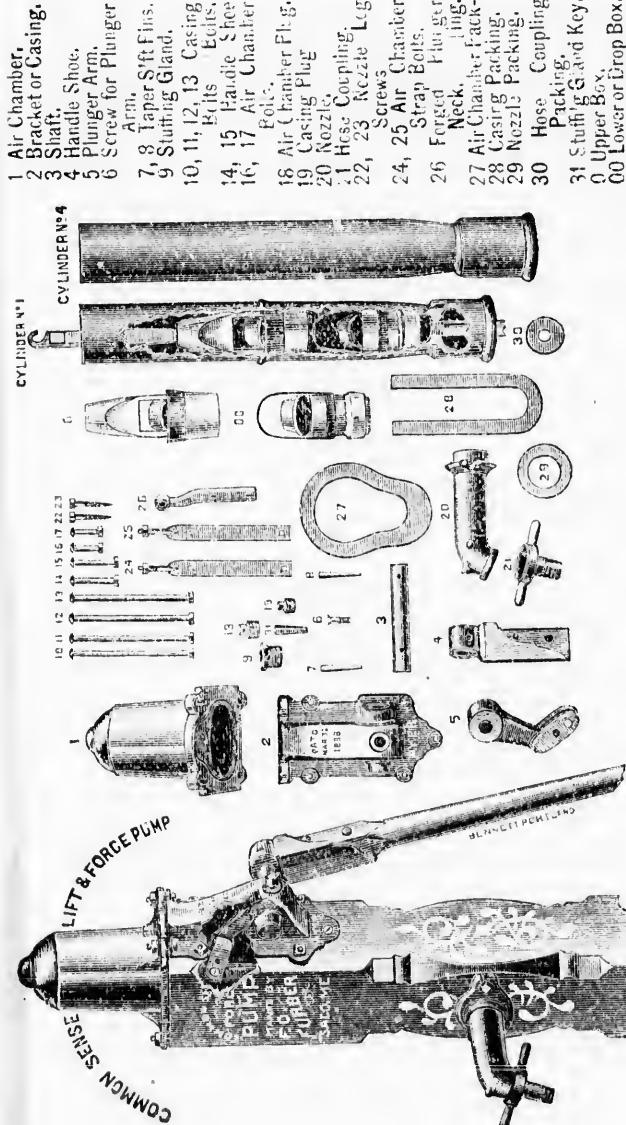
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SENSE

## PUMP

## SECTIONAL VIEW

OF

## COMMON SENSE LIFT PUMP.



They will Surprise You.

Wood Standard - Wood or Iron Cylinder. Write for prices.

AGENTS WANTED.

1888 SAVILLS' PATENT LIFTING PUMP.

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## The Myers Bucket Brass Spray Pump With Agitator.



**T**HIS Spray Pump is constructed of brass, a material that is not affected by the poisonous arsenities used in the different formulas for spraying fruit trees, vines and shrubbery. The cylinder air chamber and all the working parts are brass: has rubber ball valves and is equipped with the Myers Combination Spray Nozzle, and will throw a spray as fine as mist, or coarse as required. The pump differs in construction from the old line pumps of this class and is arranged so that the *heavy work is done on the down stroke of the plunger and nothing on the up*. The effect of this operation, while pumping, is to hold the pump down, and it is not necessary to use a foot rest or in any way steady the pump while in operation, except by means of a small clamp which attaches to the stave of the bucket or tub and steadies the pump, holding it in proper position. It will throw a solid stream 50 feet, and is of unusual value for washing windows, etc.

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## WHAT CROPS TO SPRAY.

The Following will be found Reliable Formulas for Preventing Leaf Blight and Destructive Insects which infest Fruit Trees, Vines and Plants.

An easy way to keep the solution from becoming settled while spraying is to insert the spray nozzle in the tub or barrel containing same and operating the pump which will thoroughly diffuse the mixture.

**APPLES.**—To destroy the codling moth, canker worm and apple curculio, use one pound of London Purple to 160 gallons of water. Spray the trees soon after the blossoms fall, when the apples are the size of a pea. If the best results are to be obtained, a second application should be made in a week or ten days after the first. The second application is made necessary if the first is followed in a few days by a heavy rain.

In preparing the London Purple for use, mix thoroughly in sufficient water to form a paste then stir into a pail of water, and allow to stand over night. Strain this through a fine sieve or a coarse cloth, into the distributing barrel or tank. A kerosene barrel is a convenient vessel for the purpose. Mount the barrel on a wagon or sled.

Paris Green has been used in many instances, but London Purple is preferable, being cheaper and easier to mix.

**PLUMS AND CHERRIES.**—*Plum Curculio.*—Use one-fourth pound of London purple to 40 gallons of water; spray soon after the petals have fallen, and again ten days later. From experiments carried through two seasons we reach this conclusion: First.—That three-fourths of the cherries liable to injury by the plum curculio can be saved by spraying as above. Second.—That enough of the plum crop can be saved by the same treatment to insure a good yield. Third.—That there is no danger to health from its use. Fourth.—That spraying is the cheapest and most practical method of preventing injuries of these insects.

Prof. George Hulse, New Jersey Experiment Station: If you will give your plum trees a thorough spraying with London Purple once a week at the proper season of the year, you will secure an abundance of good fruit. Trees not sprayed will yield about 10 per cent.

**PEAR AND QUINCE LEAF BLIGHT.**—The fungicide to be applied is the Bordeaux Mixture, same as is used to prevent grape rot. This is prepared as follows: Dissolve 6 pounds of sulphate of copper in 16 gallons of water; in another vessel slake 4 pounds of lime in six gallons of water. When the last mixture has cooled pour it into the copper solution, taking care to mix the fluids thoroughly by constant stirring. It is well to have this compound prepared some days before it is required for use. It should be well stirred before applying.

**Seedlings.**—Make five applications, the first when the leaves are one quarter grown; others of intervals of ten days until the trees are budded.

*Large Trees.*—Spray five times, first when the fruit is the size of peas, and thereafter at intervals of twelve or fifteen days.

**GRAPE ROT AND MILDEW.**—Use Bordeaux Mixture sure preventive. **BORDEAUX MIXTURE (A.)**—Dissolve 16 pounds of sulphate of copper in 22 gallons of water: in another vessel slake 30 pounds of lime in six gallons of water. When the last mixture has cooled pour it slowly into the copper solution, taking care to mix the fluids thoroughly by constant stirring. It is well to have this compound prepared some days before it is required for use. It should be well stirred before applying. A solution containing the ingredients in the following proportions has been recommended for general use.

**BORDEAUX MIXTURE (B).**—Dissolve 6 pounds of sulphate of copper in 16 gallons of water, and slake 4 pounds of fresh lime in 6 gallons of water. When cool mix solutions as described above.

**TREATMENT.**—As a first step every precaution should be taken to remove as much of the infectious material as possible. With this object in view the old leaves and rotten berries should be carefully collected in the fall or winter and burned or buried. Trimmings should also be burned as they often harbor thousands of the minute spores or reproductive bodies of the fungus. The Bordeaux Mixture has proven beyond a doubt to be the most reliable preventative to black rot. In all cases it must be remembered that these treatments are *preventatives*, and being such it is sheer folly to wait until the enemy appears before beginning the fight.

In the spring, after the vineyard has been pruned and put in order by the plow, but before vegetation starts, spray the vines thoroughly with the Bordeaux Mixture, formula A. The object of this spraying is to destroy any spores of the fungus that may be hidden away in the crevices of the bark. About ten days before the flowers open, spray all the green parts of the vine with the Bordeaux Mixture, formula B, taking care to wet the foliage thoroughly. Spray again with the same preparation when the flowers are opening, repeating the operation every three weeks until the fruit begins to color. The necessity for beginning the treatment early cannot be too strongly urged.

**CURRENTS, RASPBERRIES, STRAWBERRIES AND GOOSEBERRIES.** Currant worms and the slugs and insects which infest raspberry and gooseberry bushes and strawberry vines, may be destroyed by one ounce of powdered white hellebore mixed with two gallons of water.

**PEACHES.**—If sprayed at all this fruit should be treated very carefully. Use Paris Green in preference to London Purple on this crop, seeing that it is kept constantly stirred: and do not make the mixture stronger than one ounce to 20 gallons of water. Spray late in the afternoon or on cloudy days, rather than in the hot sunshine.

**CABBAGE WORMS.**—For destruction of the cabbage worm use Pyrethrum, one ounce to six gallons of water.

The Myers Bucket Pump discharges a fine jet in bottom of bucket, keeping the solution thoroughly mixed. It is also provided with Sprinkler for flowers.

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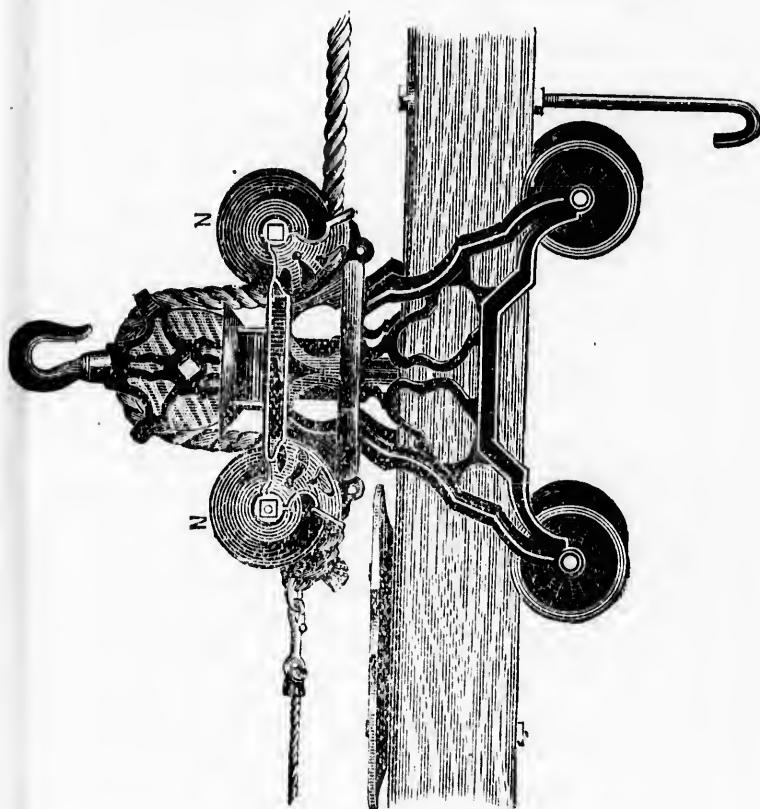
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### The "Laing & Ritchie"

## Combination Reversible Carrier

WITH SWIVEL ATTACHMENT FOR WOOD TRACK.



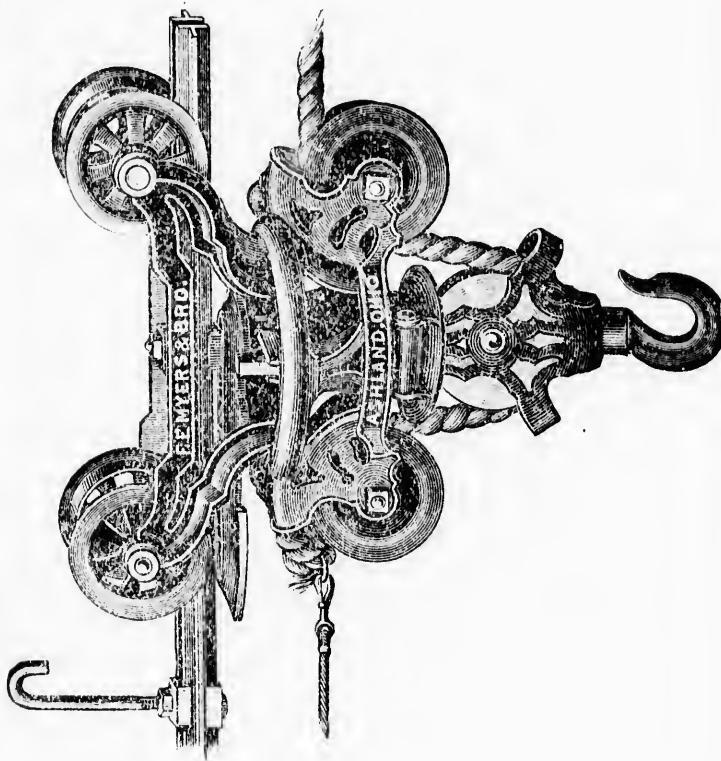
### The Most Perfect Reversible Hay Carrier in the Market.

IT IS SURE AND RELIABLE AND FULLY WARRANTED.

THE new feature in this Carrier is that the two rope pulleys, marked N. N., are hung on a turntable, which adds to this Carrier all the advantages found in a Swivel Carrier in addition to those of any reversible Carrier in the market. It is all made of malleable iron, is strong and well finished; has double lock and positive in its action.

## COMBINATION REVERSIBLE CARRIER

FOR PATENT STEEL TRACK.



THE above is an illustration of our new Combination Steel Track Carrier. This Carrier is a straight reversible, having all the valuable features and advantages of our double-lock. It has the same reliable trips and stops, and when used as a reversible carrier operates the same way and is reversed the same way as our Wood Track Carrier.

It is made entirely of malleable iron from a neat pattern, and is strong and well finished. It cannot fail to meet all requirements of the dealer, and has every advantage and convenience the user can ask for.

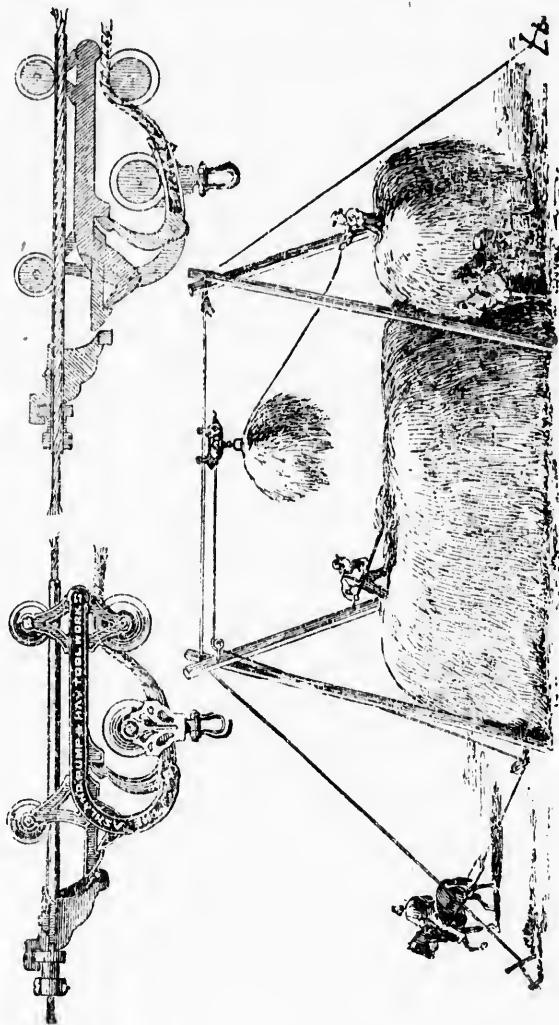
New Myers Carrier with Special Swivel Stop for Cable.

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easier er

CARRIER

# THE MYERS STACKING OUTFIT.

New Myers Carrier with Special Stabilizer Stop for Cable.



*Manifestly the Simplest and Best Stacking Outfit in the Market*

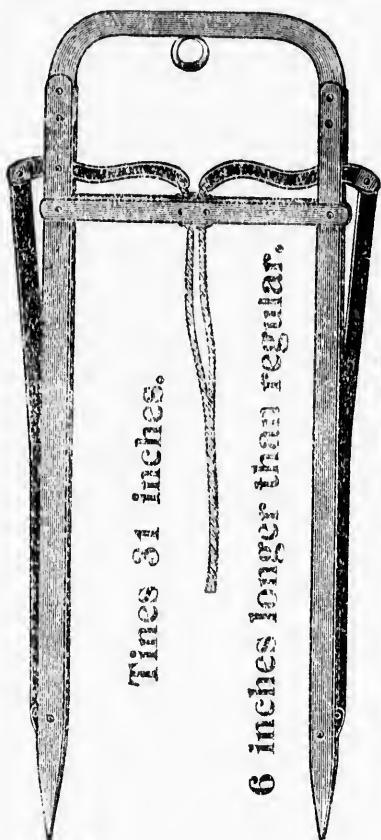
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We are furnishing the new Myers Carrier arranged especially for stacking purposes. Five-eights or  $\frac{3}{4}$  inch cable can be used. Five-eights inch cable is recommended, for the reason that it is sufficiently strong, and being lighter and more pliable is much easier erected or placed.

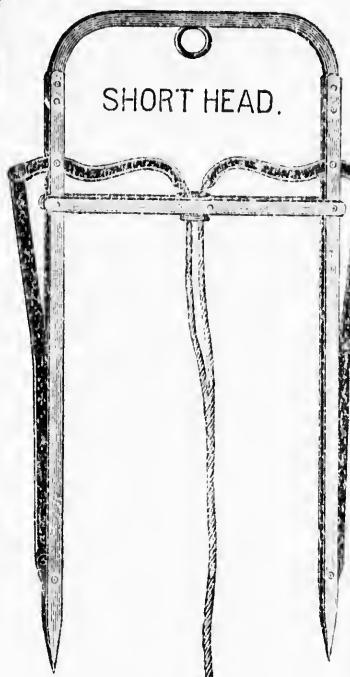
LAING, RITCHIE & CO'S

# Double Harpoon Forks



This fork is the same size as the Standard Double Harpoon except that the tines are six inches longer from crossbar to the point than the regular

**SIMPLE,  
STRONG,  
DURABLE,  
CONVENIENT.**



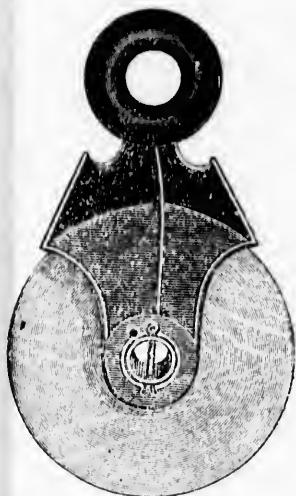
The above cut shows fork of standard size with short head, when prepared to penetrate the hay.

Has deep  
sheave, or  
leable in

WROUGHT  
HANGER

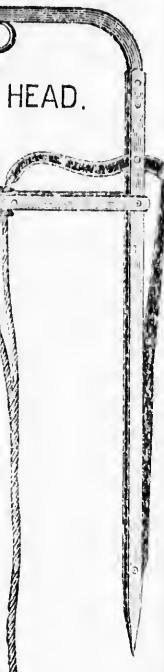


MAPLE SHEAVE PULLEY.



Has deeply grooved maple sheave, oil finished; neat malleable iron frame and swivel eye.

WROUGHT IRON HANGER HOOK.



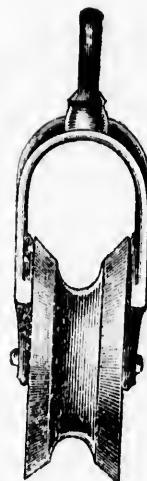
Shows fork or  
th short head,  
to penetrate

FLOOR HOOK.



Made of  $\frac{3}{4}$  inch wrought iron with a heavy coarse thread.

KNOT-PASSING PULLEY.

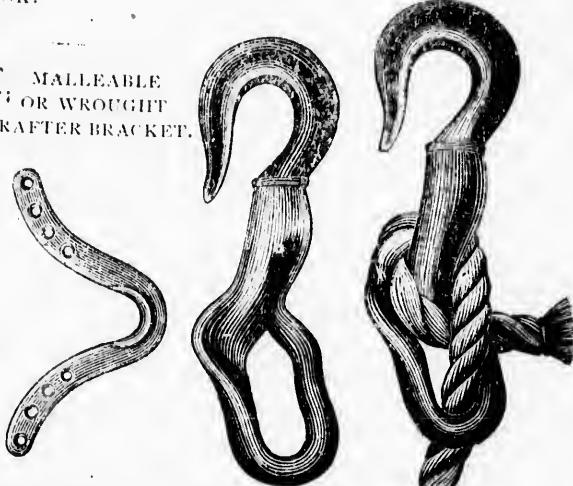


Neat malleable iron and maple, very easy on rope.

MVERS' PATENT ROPE HITCH



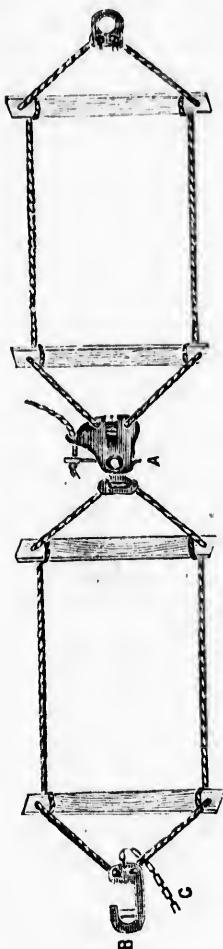
MALLEABLE OR WROUGHT RAFTER BRACKET.



What every farmer needs who uses a hay carrier. Rope can be released instantly; can be shortened to desired length. Tw removed by a swivel hook without affecting working of carrier.

PATENT

# CENTRE TRIP SHEAF LIFTER.



This cut shows the Slings ready for operation. If they are suitable for empty wagon, and can be used for any Carrier.

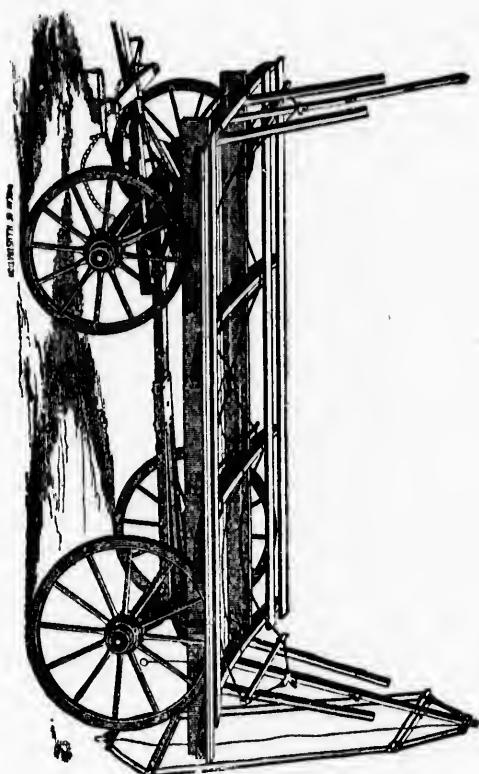
WE ALSO HANDLE IN  
CENTRAL AND ADJUSTABLE SLINGS.

We also Handle both Short and Long Rope Slings, with the Latest Improved Trip. Nothing but the Best Manilla Rope used in their Construction.

THE  
SLING  
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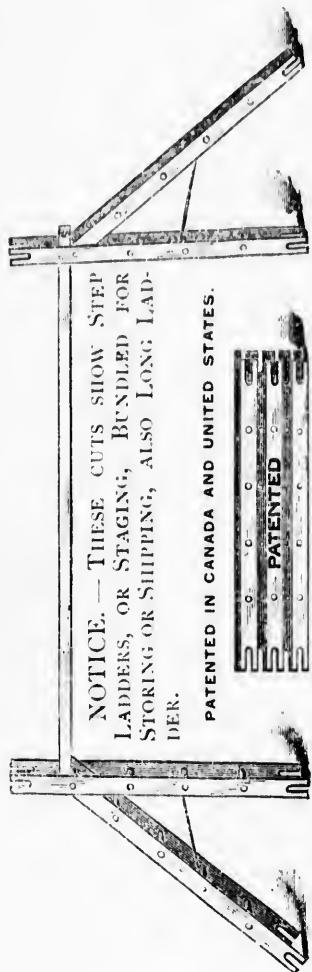
## SLING AND TRUCK

IN OPERATION.



THE ABOVE CUT SHOWS OUR CENTRE TRIP SLINGS READY FOR USE ON TRUCK. WE RECOMMEND THESE SLINGS FOR LOW ROOF BARNS, THEY BEING MUCH EASIER DISCHARGED AND REMOVED FROM THE SHEAVES THAN THE END TRIP OR LONG SLINGS.

## Patent Extension or Sectional Ladder.



PATENTED IN CANADA AND UNITED STATES.



These ladders are made from the best of maple, white ash and pine with hickory rounds, are securely bolted at the ends, and all rounds are wire nailed. They are made in six foot sections or lengths, each one of which can be joined to the other in various shapes and forms convenient for use. This ladder is one of the most complete articles ever invented for painters, carpenters, paper hangers, house decorators, farmers and fruit growers, in fact every one who is in any kind of business will find this ladder one of the most convenient articles of the kind ever made. We are selling thousands of them, which alone is proof that they are needed in nearly every line of business.

Just What Fruit Growers  
and Farmers Want.

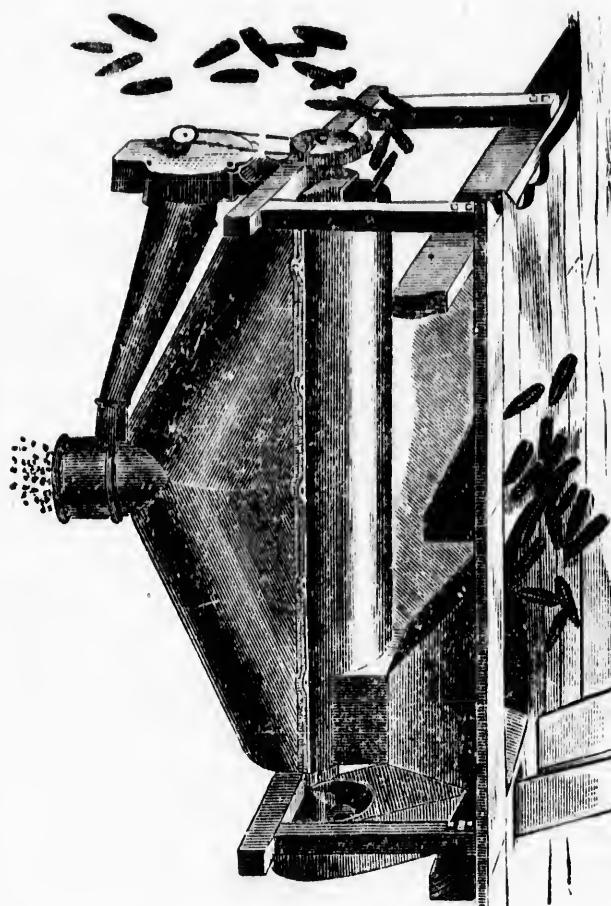
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## TRIUMPH CORN SHELLER.

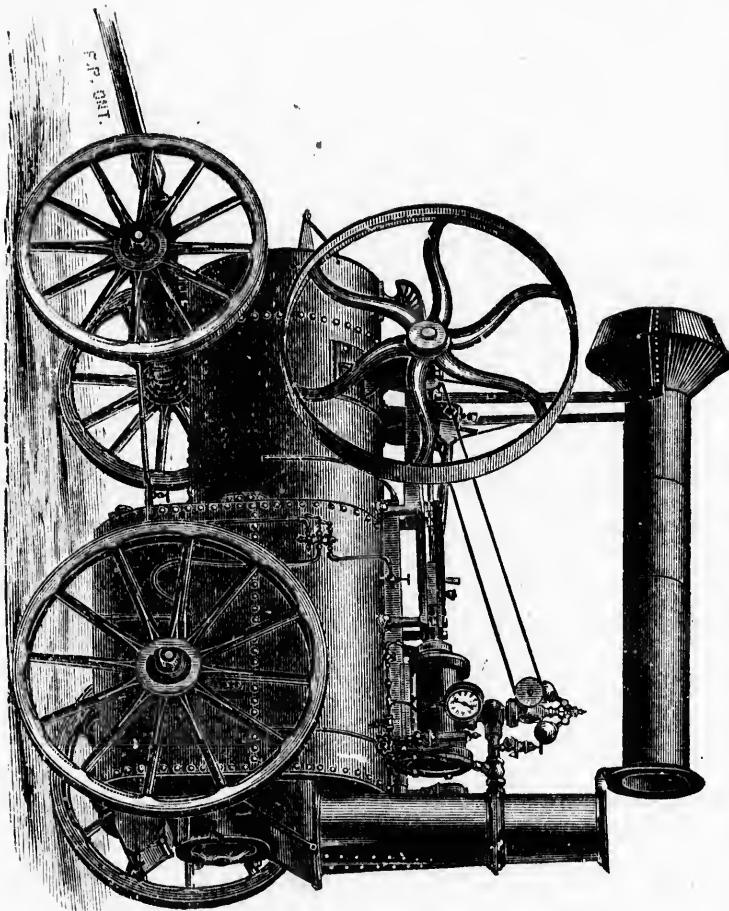
WITH OR WITHOUT FRAME.



The Cheapest, Best and Most Simple Power Corn Sheller in use.

**EVERY CORN SHELLER WARRANTED.**

## EUREKA ENGINE.



THRESHING ENGINES

TO ORDER.

## Of Interest to You.

We offer agents a fine of Staple Articles which can be sold at all times of the year, and our discounts are most liberal to responsible parties.

All agents will sell the goods they can make the most money out of, if they are what their customers require.

We are willing to put these goods on trial, and feel confident they will sell themselves.

**WRITE FOR PRICES AND DISCOUNTS.**

Address,

**LAING, RITCHIE & CO.,**

**ESSEX, ONT.**

TESTIMONIALS.

WELLANDPORT, Feb 25th, 1893.

Messrs. Laing, Ritchie & Co., Essex, Ont.:

GENTLEMEN.—I have carefully examined and fully tested your Double-Acting Non-Freezing Force Pump, which I purchased from you last autumn. I must say that it has surpassed your recommendations. Throughout the severe winter, without any special care being taken, it has given me no trouble with frost, and in every way gave the best of satisfaction. It is really a splendid pump, and I cannot speak too highly of it.

Yours truly, D. DOCHSTADER.

HIGHGATE, ONT., Jan. 5, 1893.

Messrs. Laing, Ritchie & Co., Essex, Ont.:

GENTLEMEN.—I have two of your Original Force Pumps in use. I have had several kinds of pumps in those wells, but never had the satisfaction with any that I have had with yours. I have had several enquiries about those goods, and would like your prices and discounts, and might place quite a number of them.

Yours truly, R. C. SCOTT.

HARROW, ONT., March 2, 1893.

Messrs. Laing, Ritchie & Co., Essex, Ont.:

DEAR SIRS.—I am very much pleased with the Original Double-Acting Force Pump I purchased from you in December last. It has worked during this severe winter and gave no trouble whatever, and works so easily that a child can pump with it.

Yours truly, P. QUICK.

The Farmers' Supply Co., Prescott, Ont.:

GENTLEMEN.—At a meeting of the council of the Town of Aylmer, it was moved by Mr. Chas. Devlin, seconded by Mr. W. Conroy, that the council purchase from "The Farmers' Supply Co.," of Prescott, eight pumps for the corporation wells of the Town of Aylmer, of your Original Double-Acting Force Pumps.—Carried. We have seen some of your Original Pumps at work in our town, and consider them the best pumps in the market.

J. R. KENNY,

Sect. Corporation Aylmer, P. Q.

AYLMER, Nov. 30th, 1888.

I have examined the Original Force Pumps purchased by the Municipal Council of Aylmer and consider them excellent. I must say that the one in the immediate vicinity of my shop surpassed my warmest expectations on the occasion of the recent disastrous fire, notwithstanding the exceedingly rough usage to which it was subjected, having every element of strength, it in no way suffered, but gave the greatest satisfaction. It is really a splendid pump, and I gladly recommend it.

C. DEVLIN.

MONTRÉAL, April 27th, 1891.

GENTLEMEN.—Mr. Singleton, our Asst. Supt. at Chapleau, has recommended to me your Non-Freezing Force Pumps. Please ship to C. P. R., in care of Asst. Supt., Chapleau, twelve of your Original Pumps, about thirty-five feet in length, at your prices heretofore quoted.

Yours truly, A. C. HENRY,

Purchasing Agt., C. P. R. Co.

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