



MOVING A CHURCH

Monmouth, Ill., Jan. 6-11

Barth Mfg. Co.,
Milwaukee, Wis.

Gentlemen: We would like to get two complete sets of springs for our six ton and ten ton Jacks.

With our five "Barth" Jacks we were able to load on trucks, move with traction engine, and unload a church 28 x 36 in one and one half days.

They are the speediest Jack by far that we have ever used.

We think we could not do without them since we know what they are.

Respectfully yours,
S. K. White & Son

Sold Through Dealers.
Write Us for Catalogue.

BARTH MFG. CO.

331 E. Street,
Milwaukee, Wis.



Imperial Bank

OF CANADA

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CAPITAL SUBSCRIBED.....5,000,000.00
CAPITAL PAID UP.....5,000,000.00
RESERVE FUND.....5,070,000.00

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DOMINION EXPRESS CO.

MONEY ORDERS, FOREIGN
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CHEQUES

Issued in

Dollars, Pounds Sterling, Francs,
Gulden, Kronen, Krokor, Lire, Marks
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The Power Problem and the Farmer

Continued from page

They have been able, through the medium of electricity, to utilize the vast water powers of our country in an efficient manner.

Electricity has made possible the development of the steam turbine, or rotary engine, having a unit capacity undreamt of by the builders and users of reciprocating engines.

The invention of the turbine antedates the invention of the reciprocating engine by many centuries, but it has only come into use during the past few years, and electricity has made this possible.

Until the turbine was developed our largest power units had a capacity of only 5,000 k.w.'s, or 6,700 horse power. Our largest power unit of to-day, consisting of turbine-driven generators, have a capacity of 20,000 k.w.'s, or approximately 27,000 horse power.

Imagine, if you can, transmitting from one point mechanical energy equivalent to 30,000 horse power through the medium of gears, belts, pulleys, etc., etc., but take this same energy, convert it into electricity, and the problem is simple. The power of Niagara can now be transmitted hundreds of miles by means of electricity, whereas it could not be utilized at all except in a limited sense, in the absence of electricity.

Where would we be in our cities if we did not have electricity to transport us to and from our work? Think of the congestion in New York city if its traffic was handled by horse-drawn cars. Think of the luxuries which are becoming necessities that our urban population is enjoying in the shape of electric light, electric cooking and heating devices, electric flat-irons, soldering irons, vacuum cleaners, motor driven sewing machines, etc., etc.

If electricity has brought these things to our urban population, why can it not bring them to our rural population? Why should the farmer deny himself the conveniences enjoyed by his brother?

There is no reason for his doing so, and he will avail himself of the opportunities presented when he is brought to a realization of their worth.

There are approximately 71,000 public service corporations distributing electricity to-day, with a total daily output approximating 7,000,000 horse power, and practically all of this power is used within our cities. Does it not seem logical that the same form of energy could be used to advantage, and very largely, in our rural communities? The possibility should at least be investigated, and we repeat again that the agricultural engineer is the best medium through which to conduct this investigation.

We cannot think that our educators are blind to the necessity for a thorough understanding of

Five Million Trees

Consisting of all classes of
FOREST TREES

Standard Apples

Crab Apples

Plums

Compass Cherry

And all kinds of small fruits that have proven hardy in this country, besides a great variety of flowering shrubs, perennial flowers and bulbs, all grown on our nursery grounds at Brandon.

Parties wishing to plant for 1911 drop post card for price list.



Spring Park Nurseries, Ltd.

B. D. WALLACE - - Manager

THE DESMOND MODEL "U" INJECTOR

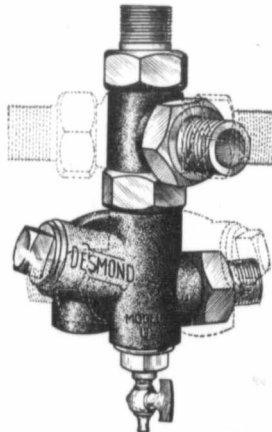
THE BEST FOR THE THRESHERMAN

FIVE Injectors in ONE and as many more as you desire

Any Model "U" fits any old connection. It is "flexible." One New Desmond Model "U" Injector will answer your Injector needs in every way, shape and manner.

All tubes screw into the body and cannot fall out or be lost or damaged when the cap is removed. Neither can they get out of alignment.

The piping and valves can be arranged to suit your needs and your convenience; not to fit the Injector.



One Injector that fits all connections. The New Desmond Model "U" starts low, at from 20 to 25 lbs. It works high from 175 to 190 lbs., lifts water 25 feet, handles water at 130 degrees, and delivers it to the boiler at almost 212 degrees.

It is absolutely automatic. It will not 'buck' or 'break' under the most severe and continued jars. We rigidly test every injector and guarantee it fully to work under all conditions.

The New Desmond Model "U"

will fit any space, can be put in any position, or adapted to any conditions peculiar to your needs.

Now is the time to get busy. Give our New Desmond Model "U" a trial. If your dealer cannot supply you, write direct to us.

DESMOND-STEPHAN MFG. CO.

URBANA, OHIO

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