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and Repair your own Tires and Save Dollars

## Vul-Tex MAGIC RUBBER MEND

Great Invention!

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Will save over 500% in your Vulcanizing Bills, and will effectively and quickly mend without vulcanization any article made of rubber. Heat or cold won't affect it. Every family frequently throws away valuable rubber articles, such as Rubber Boots and Shoes, Hot Water Bags, etc. All these can be perfectly repaired with Vul-Tex Magic Rubber Mend.

Sample Tube ..... 35c  
Large Size Can... \$1.25

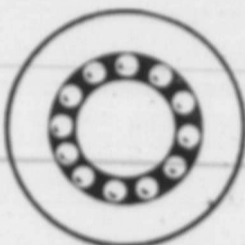
Vul-Tex famous fabric patch for repairing large or small blowouts on inner tubes. Best in the world.

Large Box... \$1.50

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people, and the public should control all utilities such as railways, telegraphs and express companies. The government could also go the whole way in providing rural banks, etc.

These are revolutionary things, says somebody. Perhaps they are, and perhaps they are merely the leadings of sanity and justice towards the solution of one of the great questions of the present and the future.—REV. W. IVENS, 385 Alfred Avenue, Winnipeg.

## Economizing Time and Labor

Continued from Page 11

machines on short notice. Failing this, wire or phone orders should be strictly attended to and either the price list furnished with machine or C.O.D. payments accepted. If mail order firms had some class of rural agents a lot of the trouble with unsatisfactory or unadapted implements would be cleared up or avoided.

Preparation of machinery cannot be too thorough. A complete overhauling of almost any implement in spring will reveal boxings, bolts and springs hidden by dust and grease, in need of replacing. It pays to order new parts for any part moderately worn. It may last a season or break in an hour. It is good business to renew it before starting. On some machines, certain bolts, springs or trivial parts may break a dozen times in a season. To have the agent duplicate an order for a 25 cent article many times in the season is unnecessary. When a man is far from town, two or three sets of spares for each plow is necessary. Spare eveners, single-trees, harrow stretchers and tongues, if only home made, should be ready for use before the work starts.

I find it a good plan to have all plows on the farm of the same make, so that parts are interchangeable and I reckon any disused implement is of considerable value as a convenient source of repairs and it is as well not to take them to pieces. More than once have I seen three plows fitted in a day from a discarded one.

In fitting discs and drills it is well to take the machine all apart, thoroughly clean boxings and oil holes and fill large oilers with cotton waste if a cover is supplied. On many boxings it is well to have one half drilled and a hard oil cup fitted, it will save endless trouble, wear throughout the season, and save trying to get oil to inaccessible places.

Undoubtedly a man's maximum efficiency is obtained by the use of tractor power but as this is not feasible for the average farmer it is more important to discuss devices for increasing the power of the individual with horses.

The use of six horses on a disc harrow with an attachment to draw three sections of harrow behind is logical and a time saver. A harrow or packing attachment fastened to the plow, will do work well and spare a man. A light weeder fastened behind the land packer will restore the necessary mulch as well as an extra stroke with the harrows. An arrangement can easily be made for leading a team behind two gang plows drawing three harrow sections and harrowing the land twice at the same operation and little less than two men's work can be accomplished by leading a harrow team behind the seeder on a half mile land.

Much time is saved in changing implements if each is provided with a set of eveners and a box with spare bolts, nuts, single-tree hooks, etc. Simplicity of harness is easier on man and horse, and harnessing may be done in half the time. A clipped horse is often 25 per cent. more efficient, easier to clean and less liable to collar galls and colds.

The automatic pickler and a bag holder save much labor. The farm workshop is an insurance against many delays. If every farmer will plan his spring work in the winter, keeping in mind concentration of effort and methodical supervision of work, aided by every possible preparation before spring opens he will accomplish much more than if these precautions were neglected.

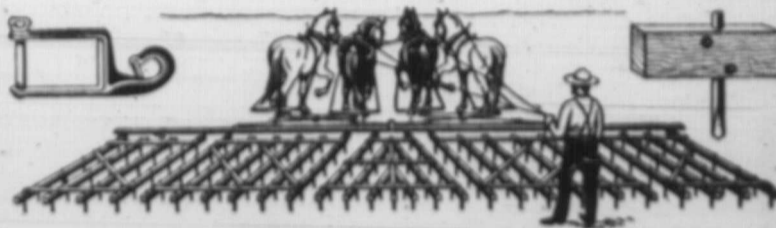
THOS. W. W.

Man.

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Nothing but the best will suit you. Our Boss Wood Harrow will give you years of satisfactory service with but very little attention. It covers more ground than any harrow of its kind sold in the West. Tooth Bars of Boss Wood Harrow are of hardwood, with each tooth securely riveted so that it cannot loosen or split the bars. Equipped with malleable clevis of latest design. Draw bars, centres or wings can be furnished separately. Made in three sizes: 78 tooth, cuts 14 feet; 102 tooth, cuts 17 feet; 126 tooth, cuts 24 feet.

WATSON'S BOSS STEEL HARROWS have tooth bars of 1 1/2 inch angle steel and cross bars of channel steel. Dagger-shaped teeth with edges directly in line of draft are held individually by steel wedges. Fitted with a pulley hitch eveners. Light draft. Sizes: 101 tooth, cuts 17 feet; 142 tooth, cuts 24 feet.

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Note these points and features: The VIKING is a large, heavy, compact, durable machine. The height is scientifically correct. All the gears are enclosed. The discs in the bowl are easy to wash. It is easy to oil. It is a very easy running machine.

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