TEETH—The teeth are of standard size, full weight, hardened spring steel and so pointed as to make easy penetration. They are rigidly anchored on the tooth bars with bolts, and clipped with spring washer. Teeth are adjustable on tooth bars. There are nine teeth in each section and so arranged as to cultivate every inch of the soil. Teeth cannot possibly trail.

Each section has a 4-hole clevis. The draw bar has link connections which make a very flexible hitch.

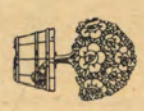
ROLLER— The drums of the roller are made from heavy steel, are 18-inches in diameter and each three feet long. The axles are made from 1⅛-inch round steel. The top frame of the roller is made from angle steel and well braced. The seat spring is also made from angle steel and the one end is attached to the frame with casting which permits the seat spring to move on the frame with the motion of the drums. The seat is placed in the center and the levers of the harrow are within easy reach.

A most practical and valuable implement—for it saves time, labor and does a nice clean job of preparing the seed bed.

FARQUHAR

COMBINED

HARROW-ROLLER



A. B. Farquhar Co., *Limited*

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Cultivators—Corn Planters—Corn Shellers
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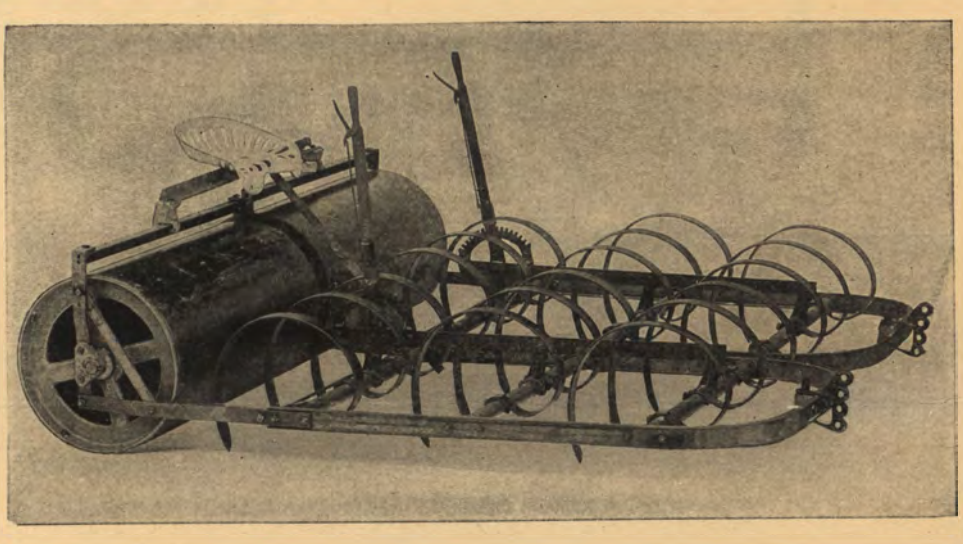
YORK, PA.

The FARQUHAR
Combined Harrow and Roller



This implement represents a distinct advance in the preparation of the seed bed. One man performs two operations with one team. The harrow levels the ground and brings the clods to the surface while the roller crushes the clods before they become dry and hard. Pulverizing and packing the furrow slice to the subsoil re-establishes the capillary attraction and makes an ideal seed bed wherein the maximum root development takes place in the minimum time.

This implement is built to meet local requirements—one section of the harrow and one section of the roller form a unit. Two or more units are connected by heavy steel hinges riveted to the harrow frame. Units are flexible and easily follow the contour of the field.

It is built in as many units as desired. Equally well adapted for team or tractor.

HARROW FRAME—The frame of the harrow is made from "I"-Beam steel, well curved in front, has straight sides without projecting points. There is no chance for it to buckle should it strike a solid obstruction. Frame is rigid and holds the teeth firmly. Each frame is carried in front by swivel shoe and in the rear by the bars which connect it with the roller. Frame is made more rigid in the rear by strong tie-rod. Each frame is three feet wide.

TOOTH BARS—The tooth bars are made of steel pipe. Each bar fits snugly into sockets which are securely bolted to the frame. A lever convenient to the operator regulates the depth of penetration when in actual work. With the same lever the teeth can be raised so as to clear the ground when transporting the implement from one field to another.