A. MAINS.

Land-Roller.

No. 66,861. Patented July 16, 1867.

Fig. 1.

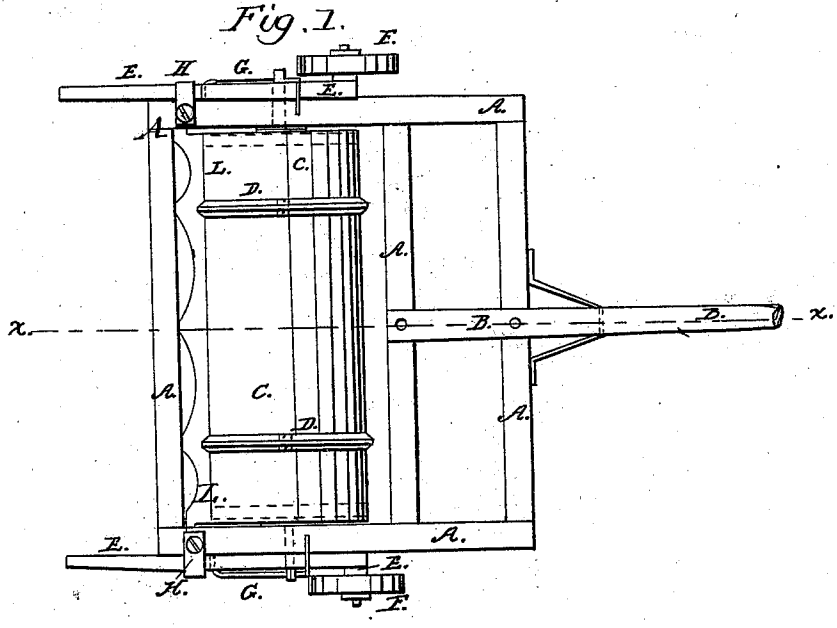
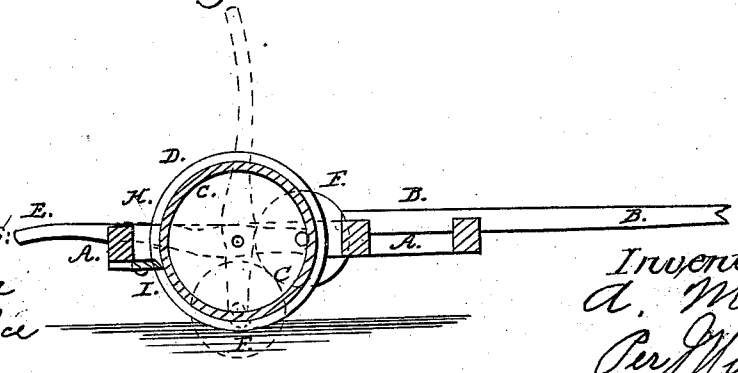


Fig. 2.



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A. MAINS, OF OLENA, ILLINOIS.

Letters Patent No. 66,861, *dated July* 16, 1867.

IMPROVED LAND-ROLLER AND MARKER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, A. MAINS, of Olena, Henderson county, Illinois, have invented a new and improved Land-Roller and Corn-Marker; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top view of my improved roller and corn-marker.

Figure 2 is a vertical section of the same taken through the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved instrument by means of which the land may be rolled and worked for planting at the same time, and it consists in the combination of the iron rings with the roller, in the combination of the levers and rollers with the frame of the machine, and in the combination of the scrapers with the frame, roller, and rings, the whole being constructed and arranged as hereinafter more fully described.

A is the frame of the machine, to the forward side of which the tongue B is attached in the ordinary manner. C is the roller, the journals of which revolve in bearings in the side bars of the frame A. The roller C is formed by attaching scantling or thick plank to three or more circular disks, to the edges of which the said scantling is nailed or otherwise secured. If desired, the roller may be strengthened and the scantling held more securely in place by iron bands passed around the ends of the roller, as shown in red lines in fig. 1. D are iron rings, each of which is made in two parts, so as to be readily attached to and removed from the roller C, when desired. The rings D should be made of such a form as to impress a conspicuous mark upon the ground. They are placed at such a distance apart as is desired to be between the rows of corn, and may be secured from lateral displacement by having knobs or projections formed upon their inner sides, entering recesses formed in the said roller. E are levers, which are pivoted to the sides of the frame A in such positions as to support the weight of the roller C and frame A, when required. The levers E may, if desired, be placed upon the projecting ends of the journals of the roller C, or they may be placed upon pivoting pins. To the lower ends of the levers E are pivoted rollers F, as shown in fig. 1. G are keepers attached to the sides of the frame A, and which are made of such a shape that they will support the levers E in a vertical position when the roller C is being transported upon the rollers F, and to support them in a horizontal position when the roller C is being used. H are buttons pivoted to the upper side of the frame A, to secure the levers E in a horizontal position while using the roller C. I is a scraper pivoted to the under side of the frame A in such a position that its forward edge may rest against the surface of the roller C, to scrape off any mud or dirt that may adhere thereto, the forward edge of said scraper being notched to conform to the shape of the marking-rings D.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The levers E pivoted to the side of the frame A, and having the rollers F pivoted to their lower ends, constructed and arranged as described in such a manner that the roller C may be raised above or rest upon the surface of the ground, as shown, and for the purpose specified.

The above specification of my invention signed by me this 22d day of March, 1867.

A. MAINS.

Witnesses:

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