

J. W. HOBSON.
Garden-Roller.

No. 213,420.

Patented Mar. 18, 1879.

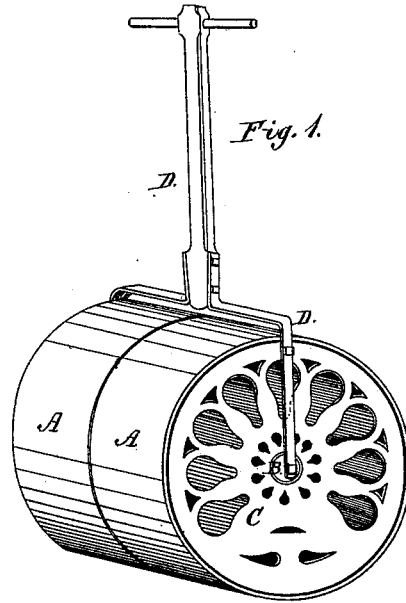
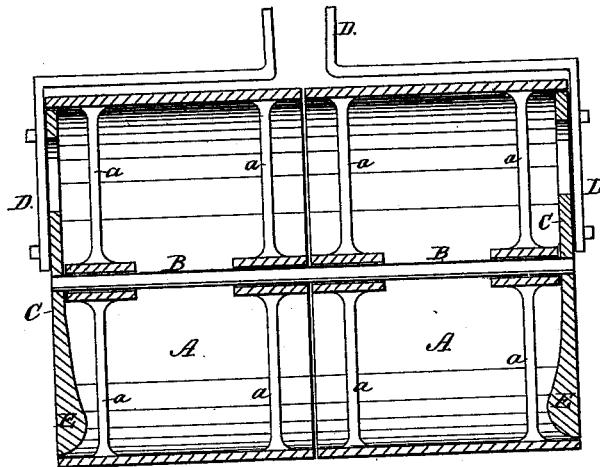


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOSEPH W. HOBSON, OF NEW YORK, N. Y.

IMPROVEMENT IN GARDEN-ROLLERS.

Specification forming part of Letters Patent No. **213,420**, dated March 18, 1879; application filed February 5, 1879.

To all whom it may concern:

Be it known that I, JOSEPH W. HOBSON, of the city, county, and State of New York, have invented a new and Improved Garden-Roller; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an improvement upon the well-known variety of garden-rollers having a weighted or balanced handle. In such rollers the weights have usually been attached to the axle at points intermediate of the spokes or radial arms of the cylinder, and the handle has been connected with the axle.

In my invention the handle-counterpoising weights are applied at points outside of the arms of the cylinder, being attached to circular plates which are pivoted loosely at the end of the cylinder, and which serve both as ornamental appendages of the roller, and as dirt-protectors. The handle is attached to the said plates, which are fast on and rotate with the axle.

In the accompanying drawings. Figure 1 is a perspective view of my improved roller, and Fig. 2 a vertical central section of the same.

A A indicate the cylinder or roller sections; B, the axle, and C C thin metal disks or circular plates, which are neatly fitted in the outer ends of the sections A A, and fastened on the ends of the axle. The handle D is bolted to these plates, and is counterpoised, so as to stand vertical (when the roller is not

in use) by means of the weights E, which are cast solid with or else attached to the inner sides of the disks C, near their periphery.

The said weights are thus located outside of the arms *a* of the section A, instead of between them, as heretofore, and are also concealed by the disks C, which exclude dirt from the cylinder. If the disks should be dispensed with, the weights would be attached to sector-shaped arms instead.

As a further advantage over the old form of roller, the connection between the handle and roller is stronger, and the disks C render the roller more ornamental in appearance.

I am aware disks have been attached to the ends of a land-roller, so as to rotate with it, and I do not claim such combination of parts.

What I claim is—

1. In combination with the roller, the disks applied to its ends, and weighted at one side, and the handle attached to said disks at points opposite the weighted portions thereof, substantially as shown and described.

2. In combination with the hollow roller and the axle projecting from the ends thereof, the disks extended to meet the periphery thereof, and mounted loose on said axle, so as not to rotate with it, as shown and described.

JOSEPH W. HOBSON.

Witnesses:

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