

J. B. Brown,

Land Roller,

N^o 84,167.

Patented Nov. 17, 1868.

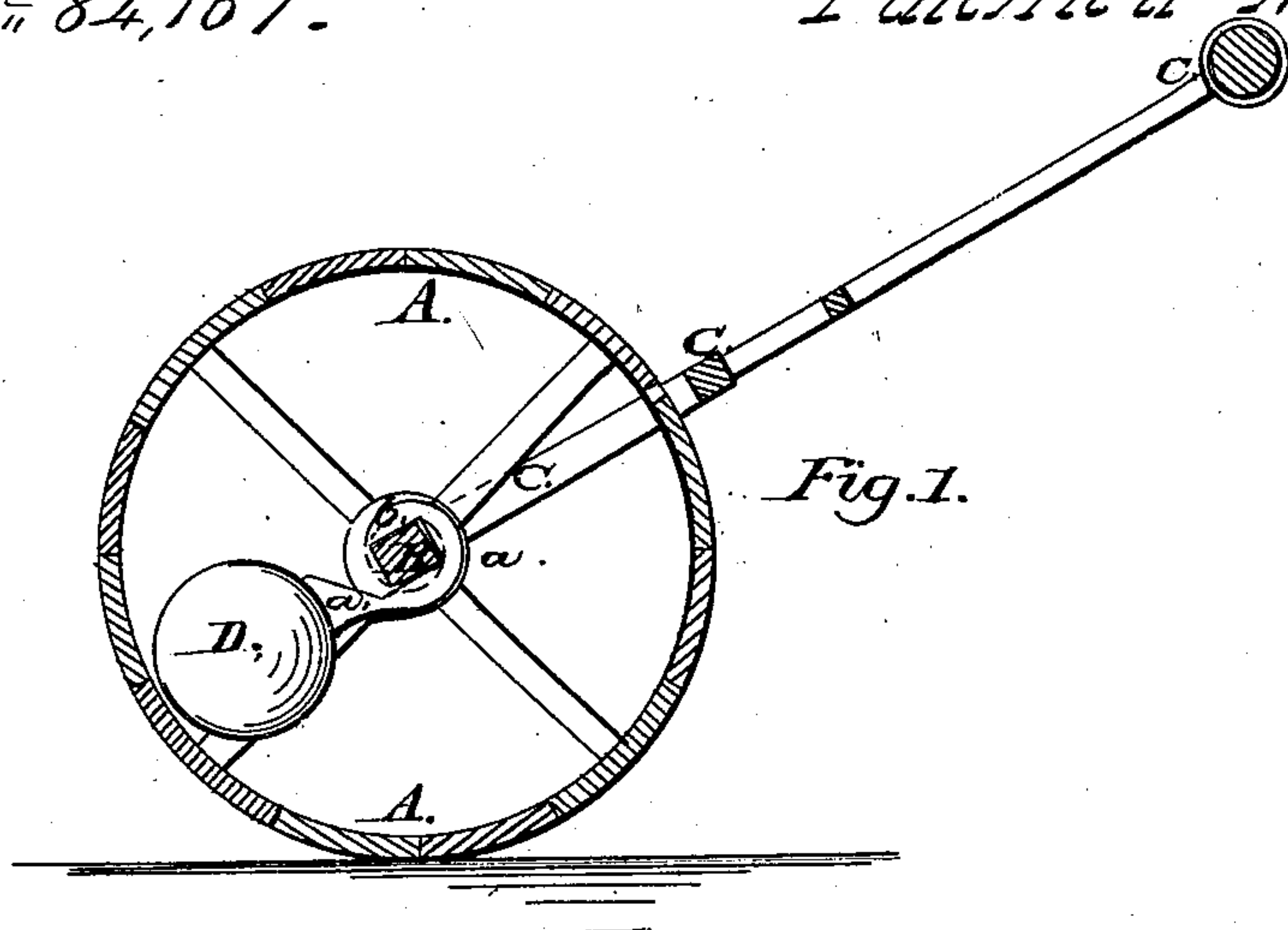


Fig. 1.

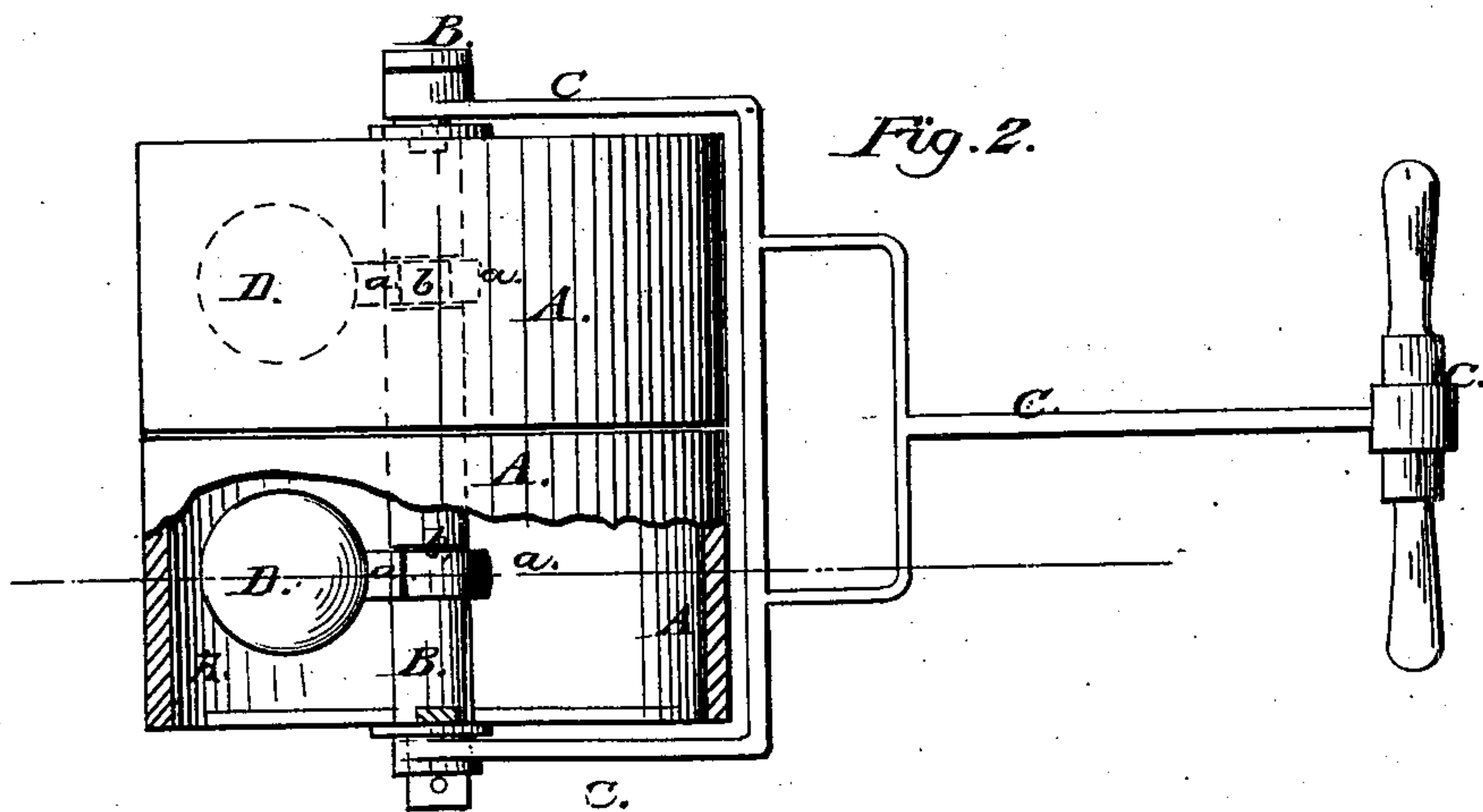


Fig. 2.

Witnesses:
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JAMES B. BROWN, OF PEEKSKILL, NEW YORK.

Letters Patent No. 84,167, dated November 17, 1868.

IMPROVEMENT IN GARDEN-ROLLER.

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, JAMES B. BROWN, of Peekskill, in the county of Westchester, 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 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.

Figure 1 represents a vertical transverse section of my improved garden-roller.

Figure 2 is a plan or top view, partly in section, of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to so construct a garden-roller, in which weights are suspended from the axle, that the said weights can be readily taken off, and replaced whenever desired, so that the roller can be made more or less heavy at will, according to the kind of work to be done.

A, in the drawing, represents the rim or shell of a garden-roller of ordinary or suitable construction. It is made of one or more sections, as may be desired, each section being hung loose on the shaft B, so that it can turn on said shaft, without turning the latter.

C represents the bifurcated handle. The ends are fitted to the squared or polygonal ends of the shaft, so

that the shaft will not turn when the apparatus is moved over the ground.

From the axle are suspended weights, D D, which are to increase the operating-power of the apparatus and to keep the handle off the ground.

These weights have already been in use, but have invariably been so attached to the axle that they could not be readily removed.

My invention consists in making them readily removable, so that the roller may be used with or without weights, as may be desired.

My weights are provided with hook-shaped shanks, *a*, which are fitted over square or polygonal portions, *b*, of the shaft, so that they cannot swing on the shaft, and still be easily removed.

The weight, when too heavy, can be taken off entirely, or one less heavy placed in its stead.

In fig. 1, the form of hook is clearly illustrated.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the weight D and shank *a* with the shaft B, squared portions *b b*, handles C, and roller A, as herein shown and described.

JAMES B. BROWN.

Witnesses:

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