

A. STOFFER.

ROLLER.

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924,506.

Patented June 8, 1909.

Fig. 1.

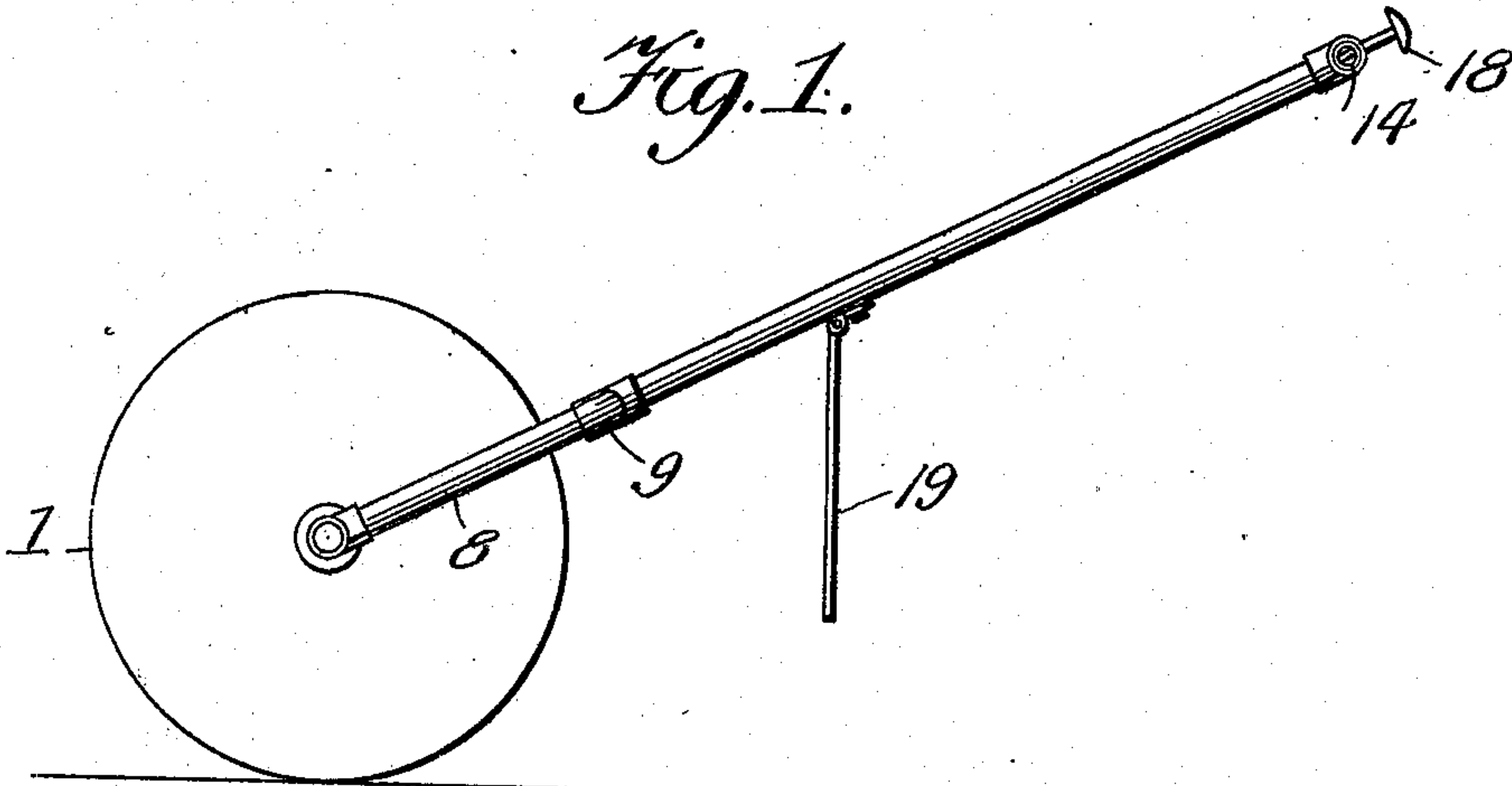


Fig. 2.

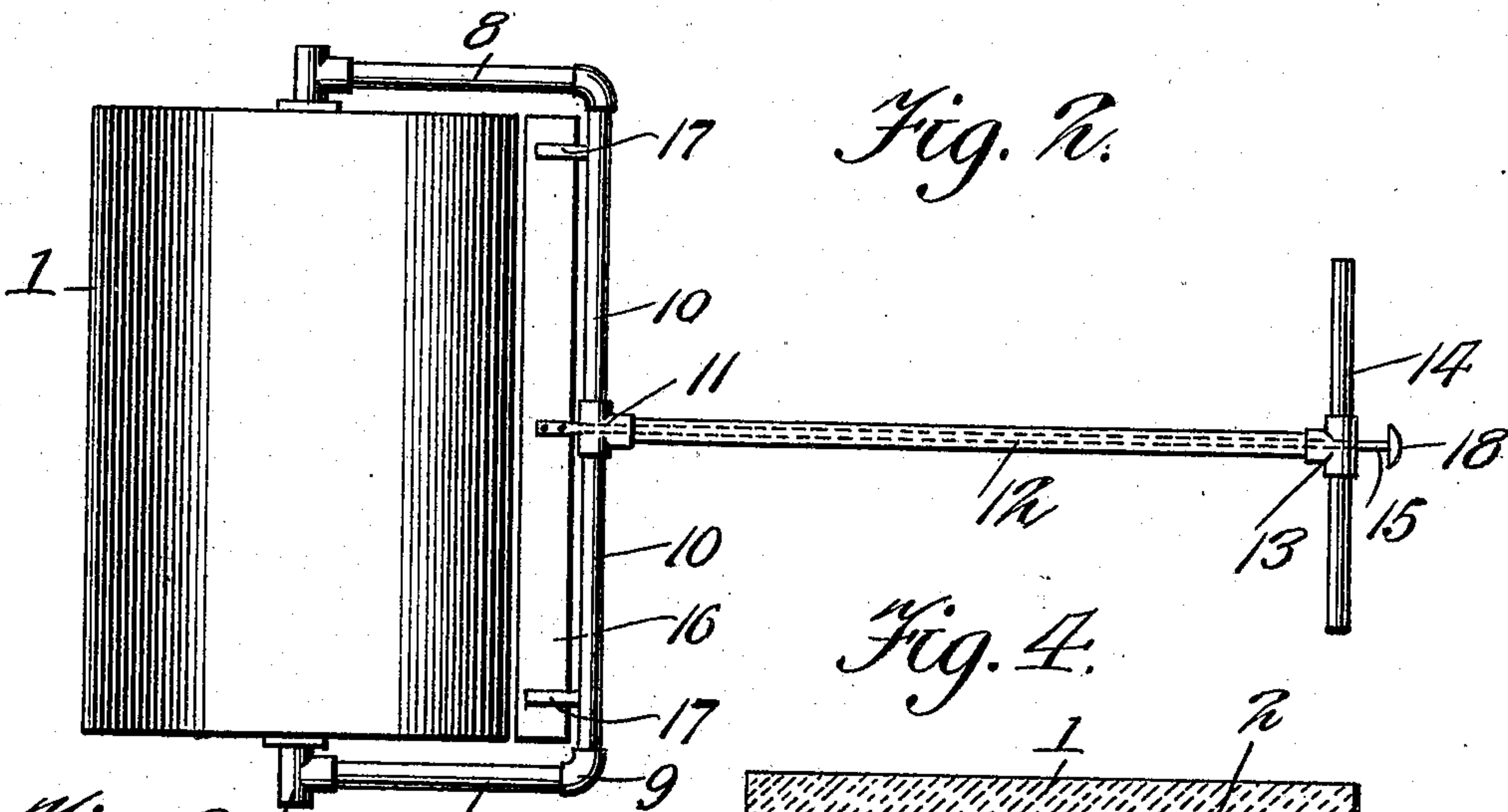
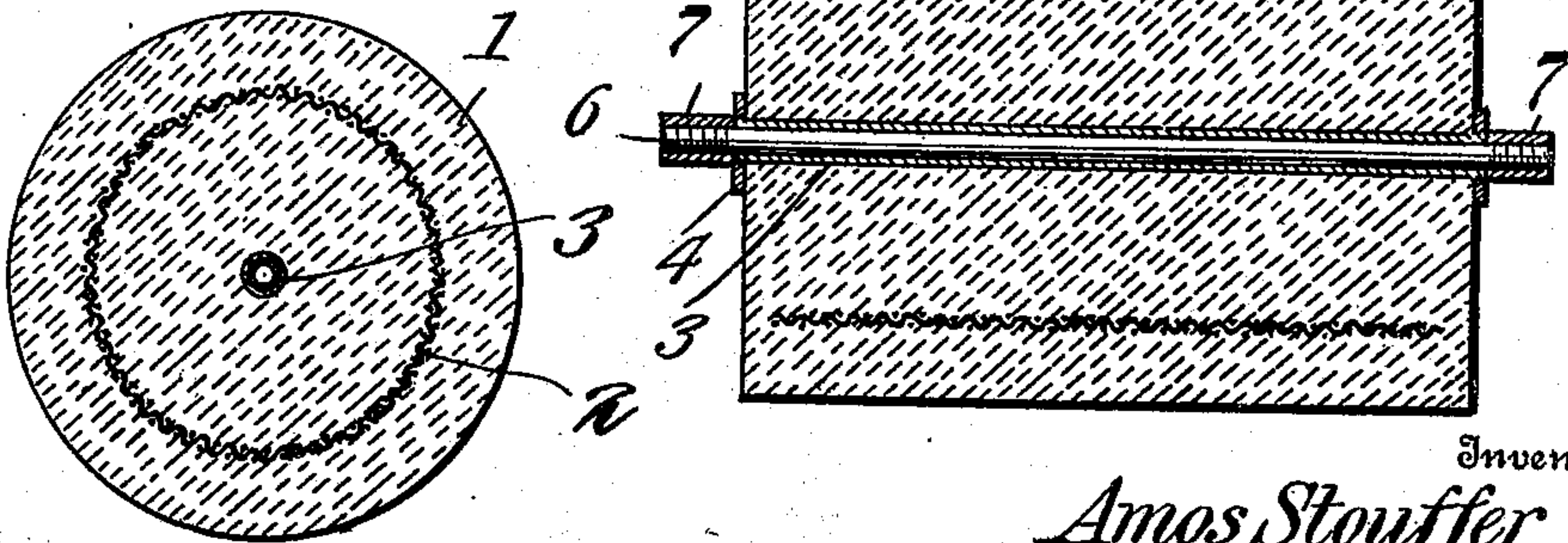


Fig. 4.

Fig. 3.



Witnesses

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ROLLER.

No. 924,506.

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To all whom it may concern:

Be it known that I, AMOS STOUFFER, a citizen of the United States, residing at Waynesboro, in the county of Franklin and State of Pennsylvania, have invented new and useful Improvements in Rollers, of which the following is a specification.

This invention relates to lawn, garden or land rollers, and the object of the invention is to provide a device of this character having a scraper provided with an operating lever in close proximity with the handle of the roller.

With the above, and other objects in view which will appear as the description progresses, the invention resides in the novel construction and combination of parts, hereinafter fully described and claimed.

In the accompanying drawing, there has been shown a simple and preferred form of the invention, it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that further changes, alterations and modifications within the scope of the invention may be resorted to when desired.

In the drawing, Figure 1 is a side elevation of a roller constructed in accordance with the present invention. Fig. 2 is a top plan view of the same. Fig. 3 is a cross sectional view of the roller. Fig. 4 is a longitudinal sectional view of the roller.

In the drawing the numeral 1 designates the improved roller. This roller is constructed preferably of concrete and is provided with a reinforcement 2, constructed of wire mesh of a circular cross sectional contour and is adapted to extend nearly the longitudinal length of the roller. The roller 1 is provided with a tubular axle 3 constructed of metal and extending slightly beyond the sides of the roller. These projecting portions of the bearing 3 are provided with suitable collars 4, whereby the bearing is effectively retained within the roller 1. Positioned within the bearing 3 is an axle 6, preferably constructed of metallic tubing and extending a suitable distance beyond each side of the roller 1. The extending portions of the axle 6 are suitably threaded and adapted for the reception of couplings 7. To each of these

couplings 7 is secured a rearwardly extending tube 8, the free ends of which are provided with couplings 9 and to these couplings 9 are secured tubular members 10 extending longitudinally a suitable distance away from the face of the roller. The tubes 10 are centrally provided with a T-shaped coupling 11 to which is secured a rearwardly extending tube 12 provided at its free end with a T-shaped coupling 13. Connected with this coupling 13 is a handle 14, by which the roller is operated. The rod 12 and couplings 11 and 13 are provided with suitable openings adapted for the reception of a rod 15 which is provided upon its end adjacent the coupling 11 with a scraper bar 16. This scraper 16 is supported upon the tubes 10 near their ends with suitable guide ways 17 secured upon the tubes. The outer extremity of the rod 15, which is adapted to project beyond the coupling 13 is provided with a suitable knob or handle 18, through the medium of which the scraper 16 may be pressed by the operator against the roller or may be readily withdrawn from contact therewith.

Having thus fully described the invention what is claimed as new is:

1. A roller provided with a metallic bearing, an axle for the bearing, a frame for the axle, a hollow handle connected with the frame, a movable rod within the handle, and a scraper member secured to the rod.

2. A concrete roller provided with a hollow metallic axle bearing having enlarged collars contacting the outer faces of the roller, an axle loosely mounted within the bearing, a frame connected with the axle, a hollow member extending from the frame, handles upon this extension, a rod within the hollow extension provided with a handle, a scraper bar secured to the opposite end of the rod adjacent the longitudinal face of the roller, and slide ways for the scraper bar secured upon the frame of the roller.

In testimony whereof I affix my signature in presence of two witnesses.

AMOS STOUFFER.

Witnesses:

MERTA RUSSELL,
ALF. N. RUSSELL.