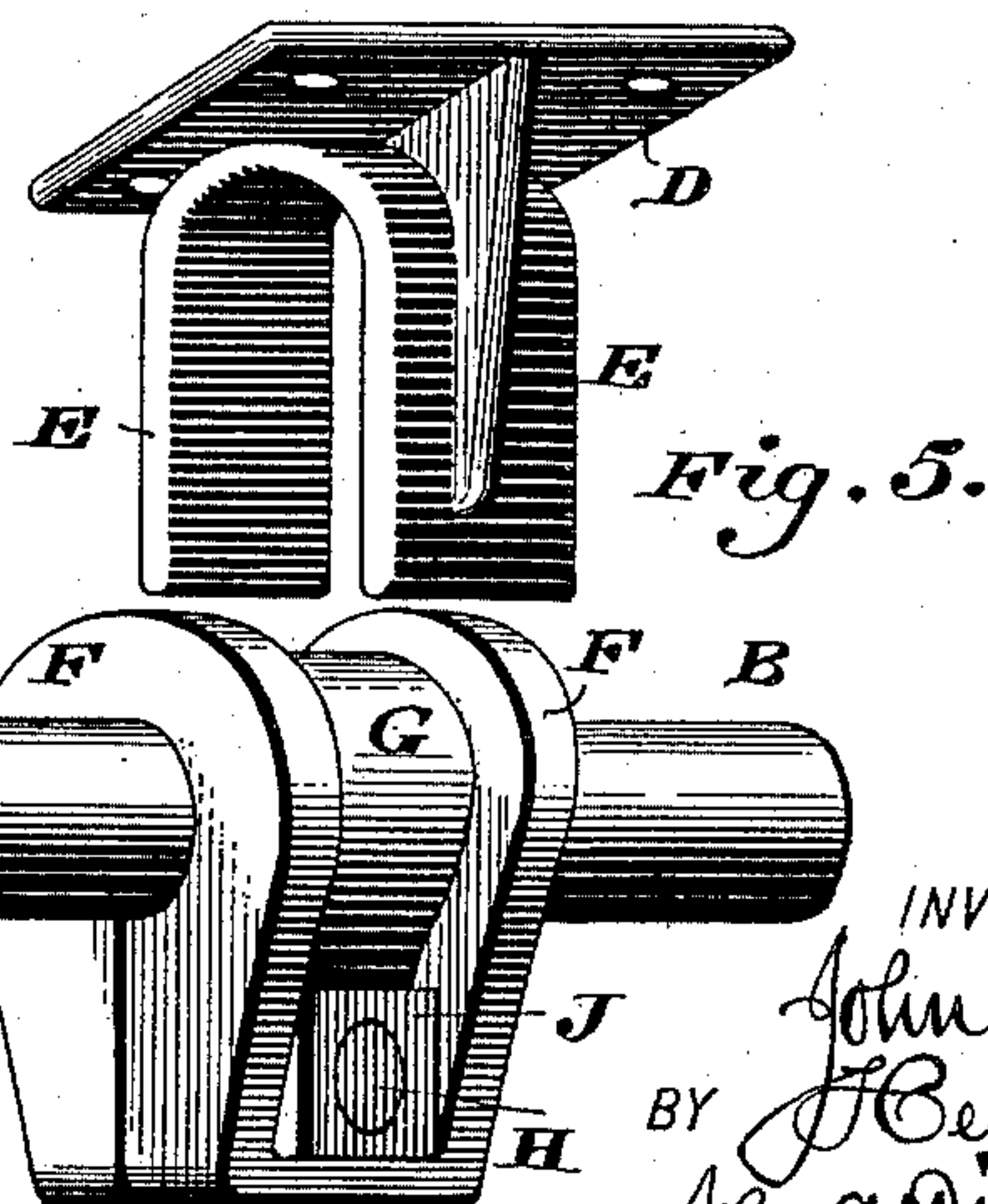
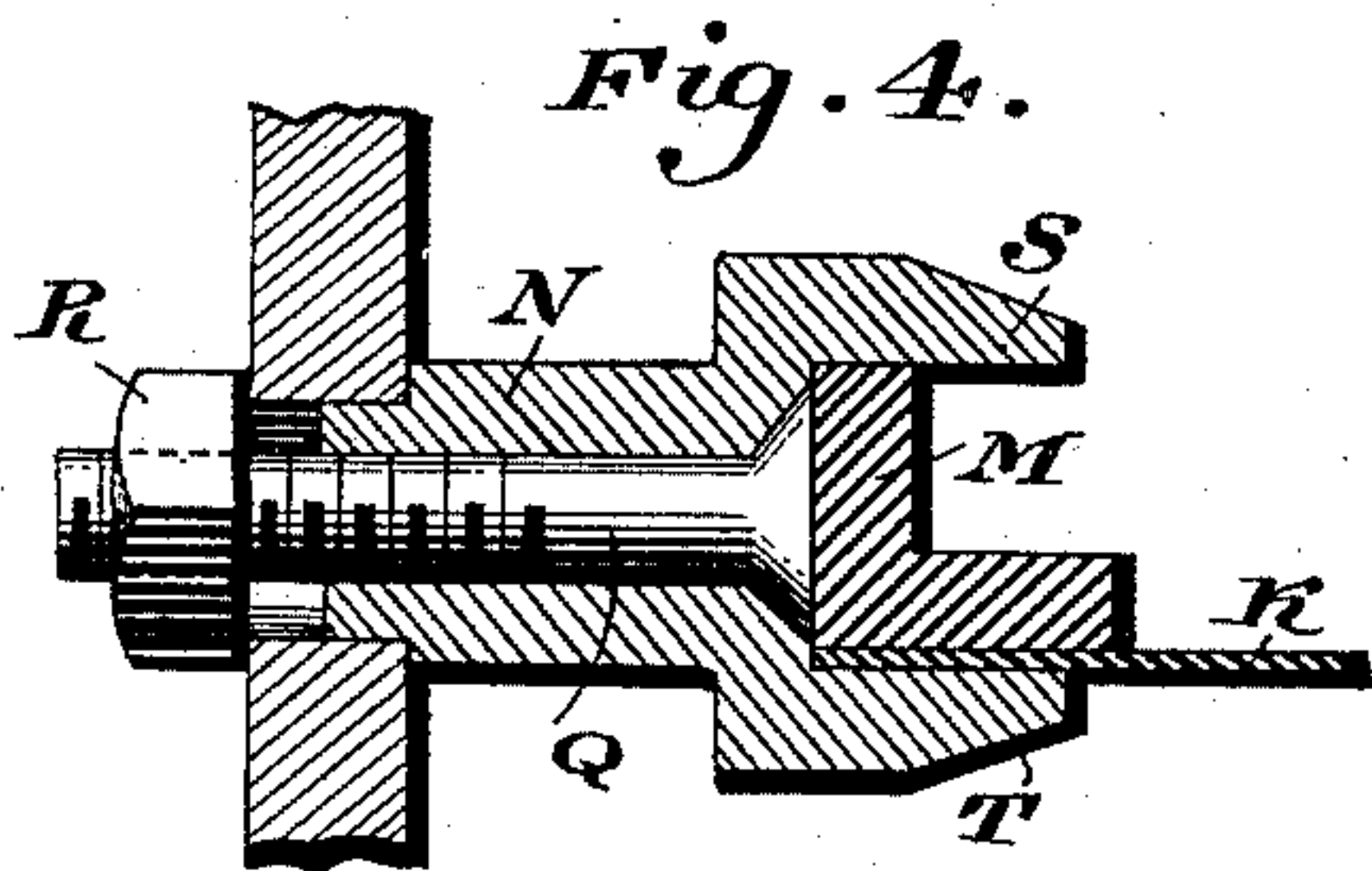
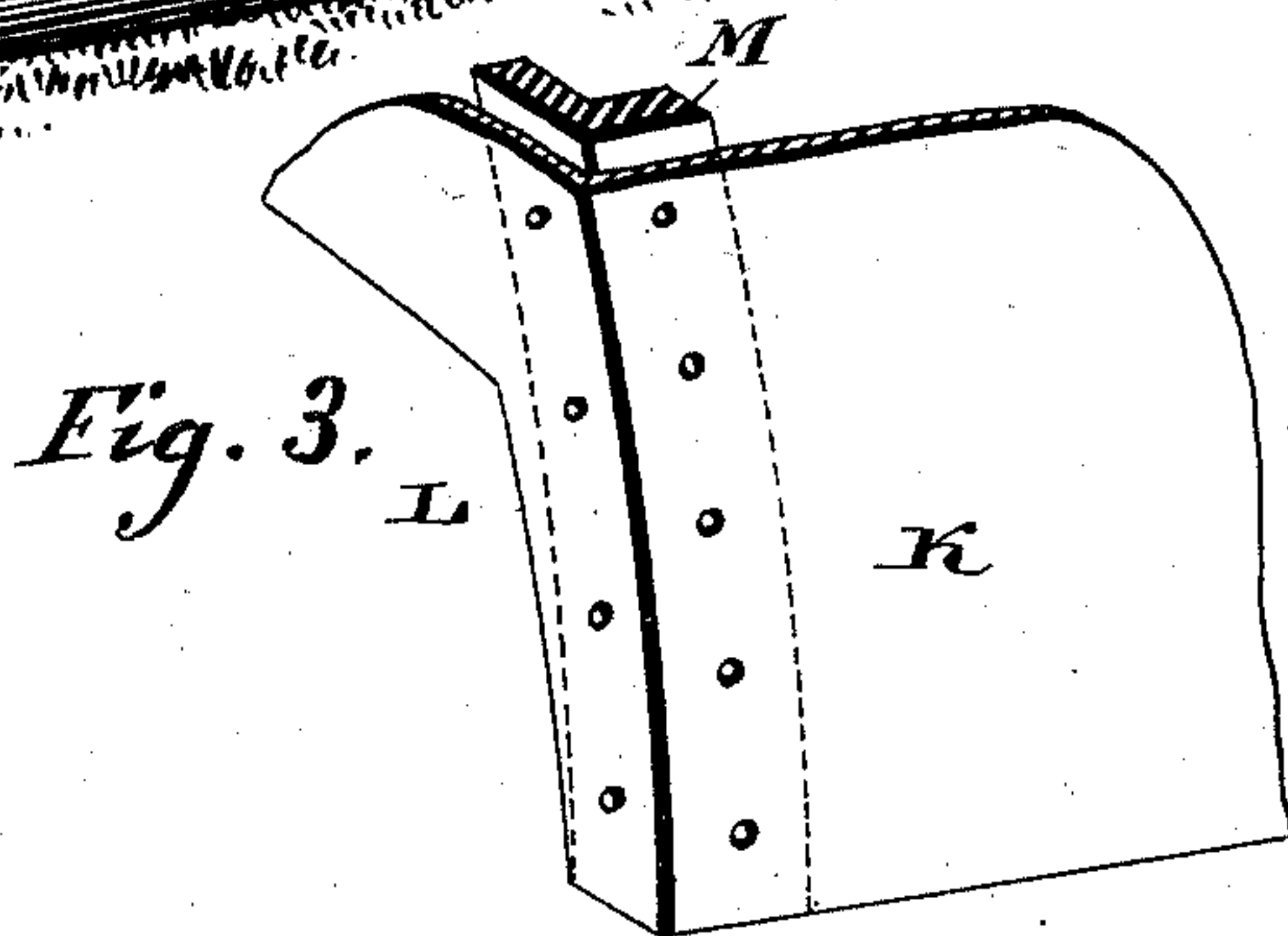
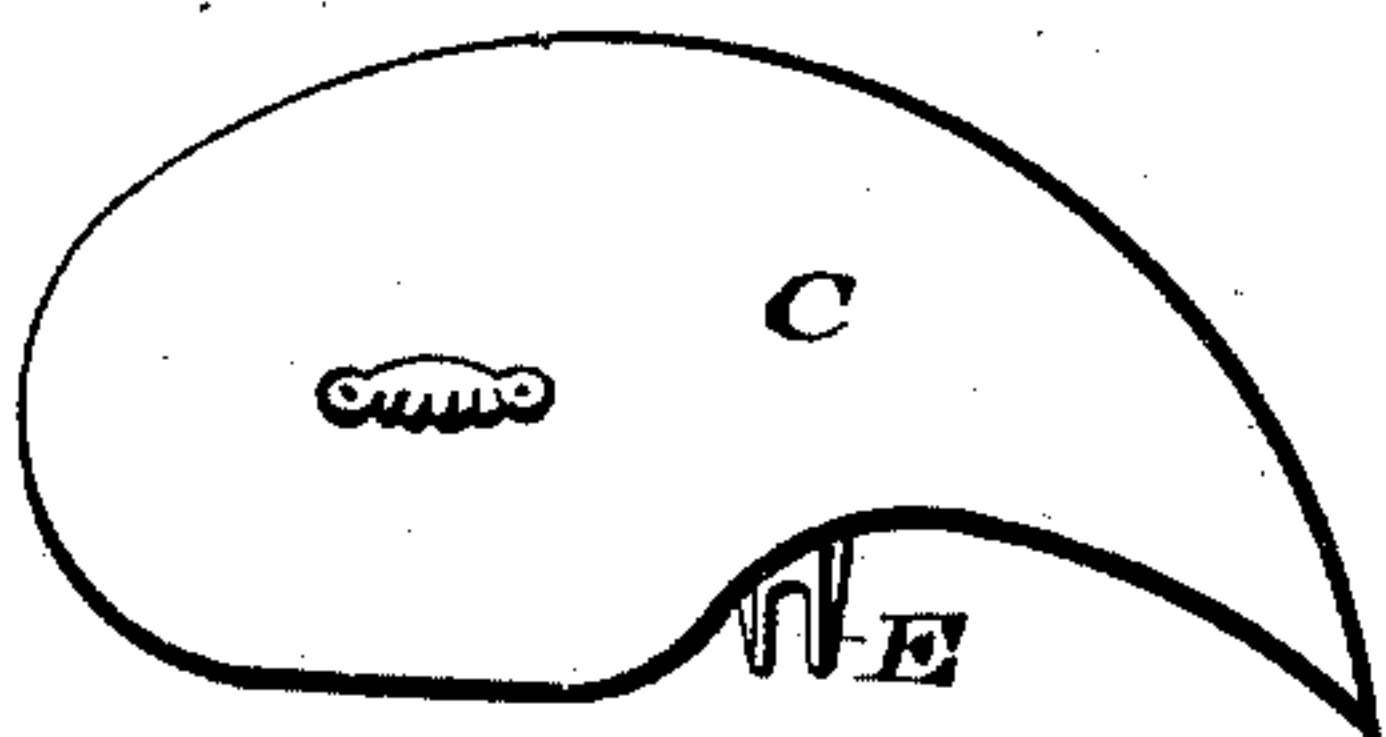
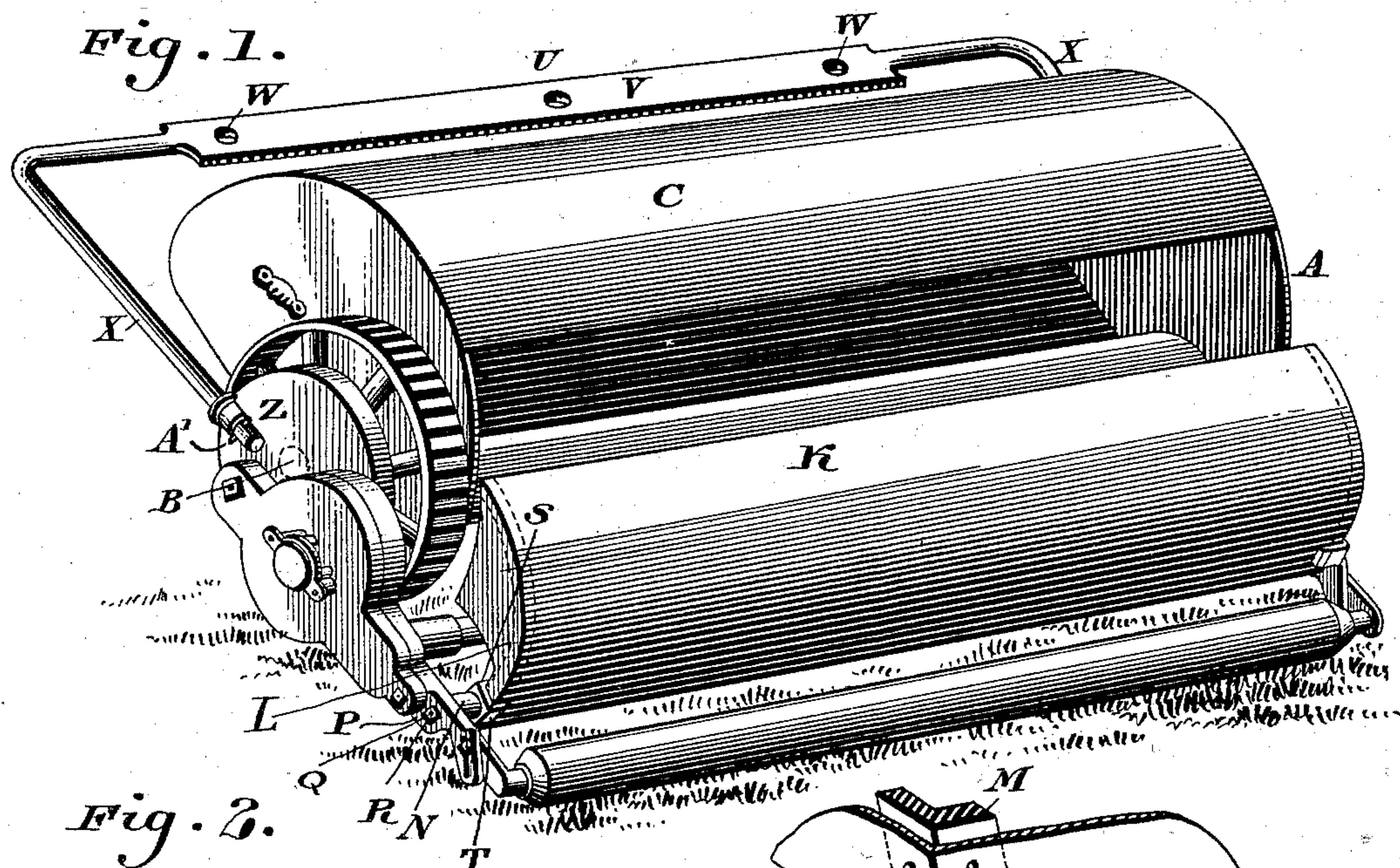


(No Model.)

J. BRAUN & H. DECK.
LAWN MOWER.

No. 476,184.

Patented May 31, 1892.



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ASSIGNORS TO JOHN BRAUN & SONS, OF SAME PLACE.

LAWN-MOWER.

SPECIFICATION forming part of Letters Patent No. 476,184, dated May 31, 1892.

Application filed December 3, 1891. Serial No. 413,860. (No model.)

To all whom it may concern:

Be it known that we, JOHN BRAUN and HENRY DECK, citizens of the United States, both residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Lawn-Mowers, which improvement is fully set forth in the following specification and accompanying drawings.

Our invention consists of a grass-receptacle having a bracket which is adapted to be seated on a collar adjustable on an axle of the running-gear of the mower.

It further consists of a cutter-guard having a journal adapted to be secured thereto and clamping means for said journal.

It further consists of the combination and arrangement of parts hereinafter set forth.

Figure 1 represents a perspective view of a lawn-mower embodying our invention. Fig. 2 represents an end view of the grass-receptacle thereof. Fig. 3 represents a partial view in perspective of one end of the cutter-guard of the mower. Fig. 4 represents a horizontal sectional view of the means for attaching the cutter-guard to the rear frame of the mower. Fig. 5 represents perspective views of detail portions of the adjusting mechanism for the grass-receptacle.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a lawn-mower, the working parts of which, except as hereinafter set forth, being of any ordinary make or construction. On the axle B of the running-gear is mounted a grass-receptacle C, consisting of a box having its front, bottom, and ends closed and provided with an opening in its rear adjacent to the cutter of the mower, so as to be adapted to receive the grass as it is cut. To the bottom of the said receptacle C and at or near each end are secured the brackets D, which are provided with the downwardly-extending legs E, so as to be adapted to be seated between the flanges or ribs F of the collars G, which latter are secured on said axle B. To adjust the collars and thereby the brackets and receptacle on said axle, each of the collars is split or divided on one side of the axle, forming ends, each of which has an opening therein, through which

a headed screw-bolt H is passed; a nut J on said bolt tightening the collar on the axle. It will be seen that when the nut is loosened the collar G may be easily moved either endwise or rotated on the axle, so that it may be placed in any position desired for a bracket secured to the receptacle C. The collars when secured in place on the axle afford a firm seat for the said receptacle, so that the latter remains steadily fixed in place without moving thereon or may readily be detached without removing the collars.

K designates a guard, which is located behind the cutter, its ends being cut away at L, so that its frame M may form holding or bearing surfaces for the rotatable pieces or journals N, each of which is mounted on a rear frame P of the machine by means of the screw-bolt Q, a nut R locking the said bolt in place. Each of the pieces N is provided with the limbs S and T, one of which engages or comes directly in contact with the frame M and the other in contact with the covering of the guard on said frame, as shown in Fig. 4.

It will be seen that by loosening the nuts R the guard K can be readily set at different angles or positions and then secured thereat by tightening the nut on the bolt.

To provide means for connecting singletrees to the running-gear of the machine, a frame U is employed, said frame consisting of a bar having a flattened main or front portion V, with openings W therein for attachment of the singletrees, and limb portions X, the ends of which are inserted in sockets Y on the boxes Z of the running-gear and secured therein by the pins A', passing through openings in the ends of the limbs X. The frame U is readily secured in place, forming an inexpensive and convenient means for the purpose designed.

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

1. In a lawn-mower, a running-gear axle, a collar adjustable thereon and adapted to be rigidly secured thereto, a bracket adapted to be seated on said collar, and a grass-receptacle connected with said bracket, said parts being combined substantially as described.

2. In a lawn-mower, a split collar having

flanges or ribs thereon, a bracket with limbs adapted to be seated on said collar, and a grass-receptacle connected with said bracket, said parts being combined substantially as described.

5 3. In a lawn-mower, a cutter-guard, a journal or rotating piece adapted to be secured to said guard, and a clamping means for said rotating piece, said parts being combined substantially as described.

10 4. In a lawn-mower, a rotatable piece or

journal having limbs adapted to embrace or hold a cutter-guard and having a screw-bolt therein on which it is adapted to turn, and a nut for clamping said rotatable piece in place, 15 said parts being combined substantially as described.

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