

No. 695,436.

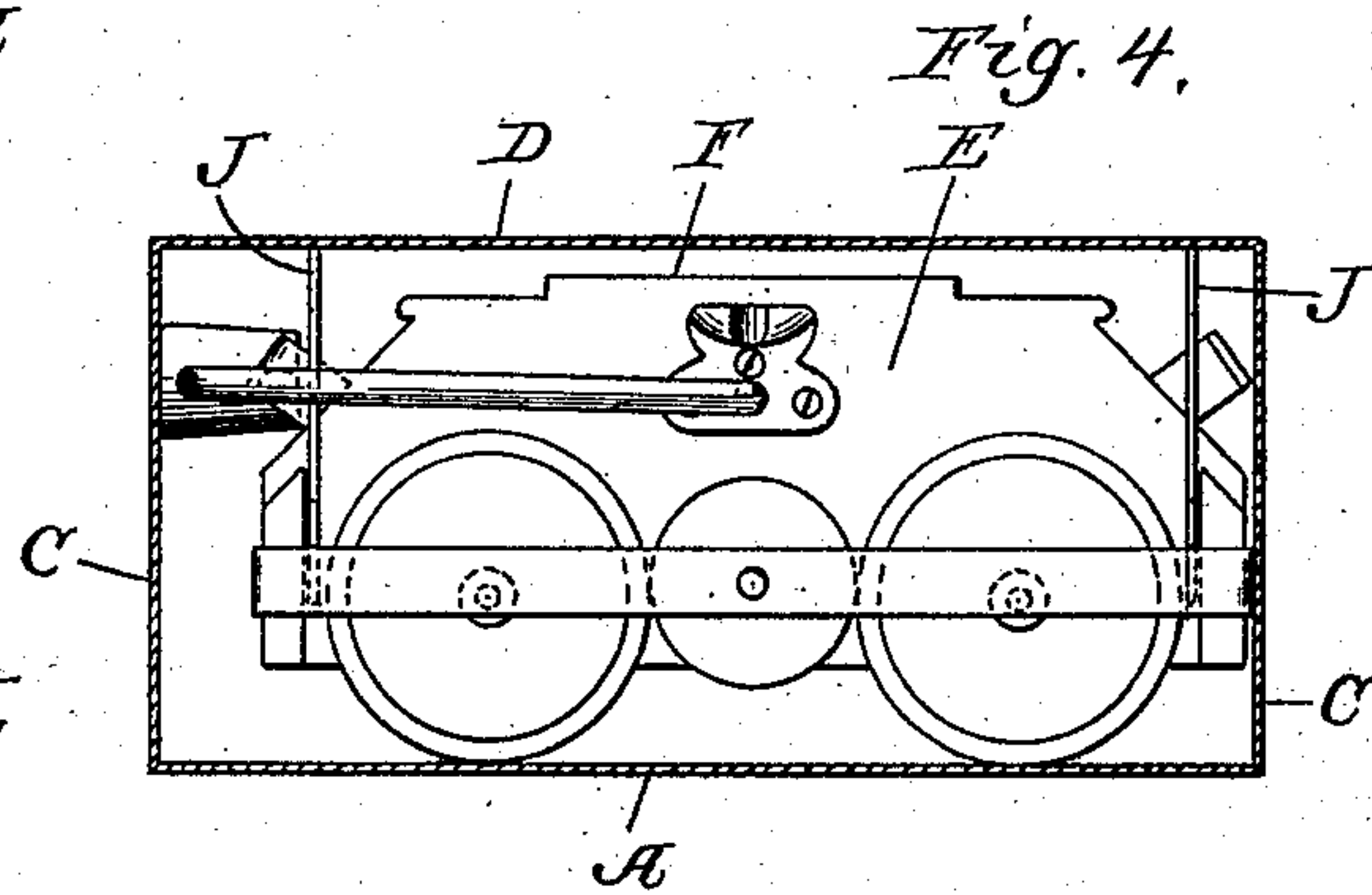
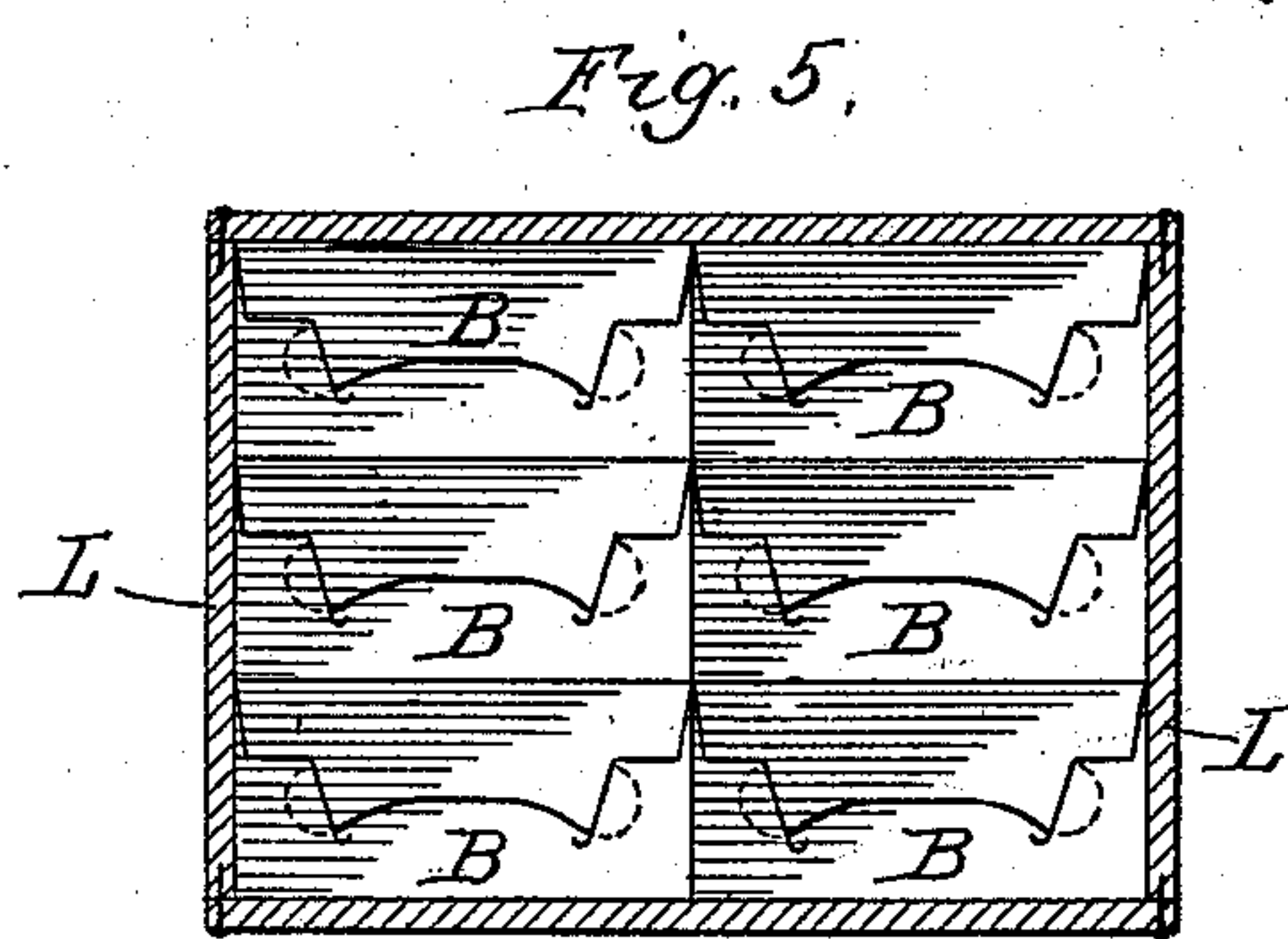
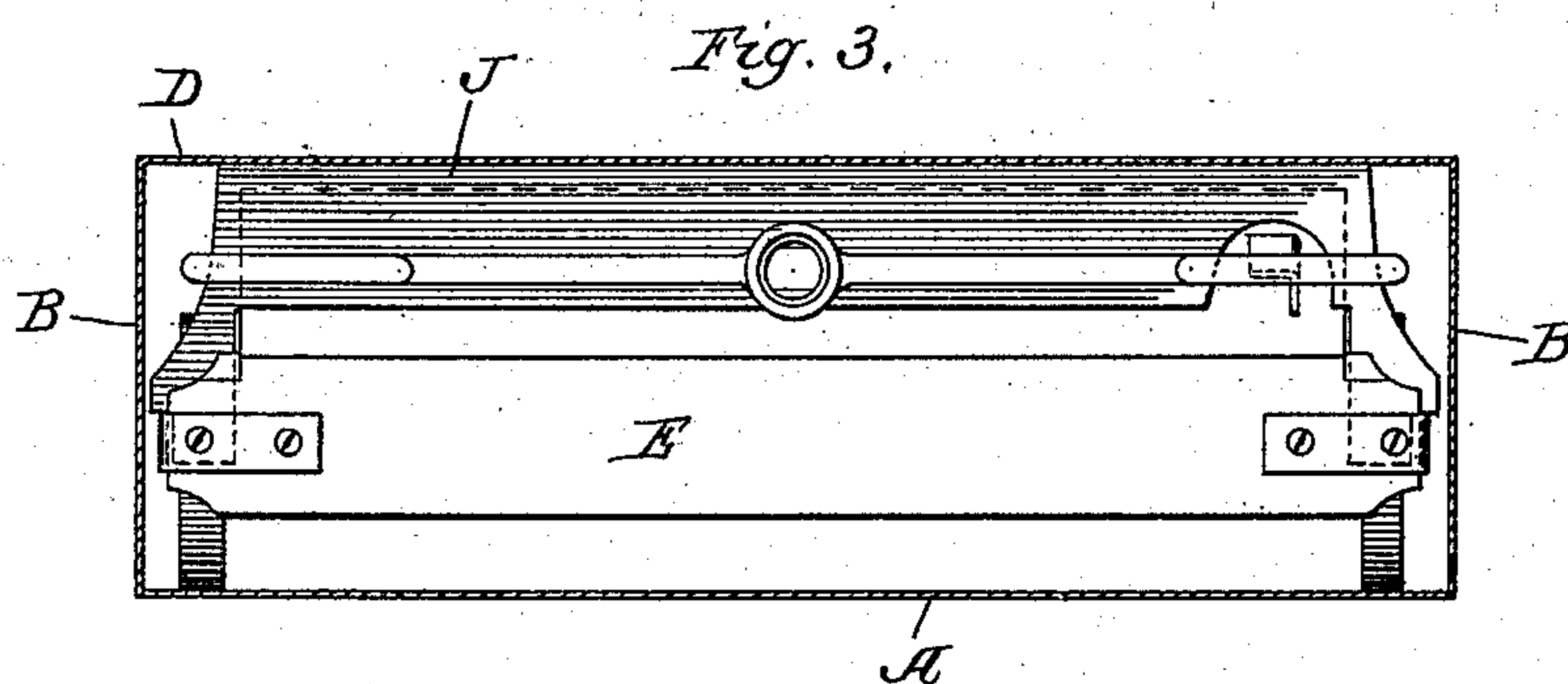
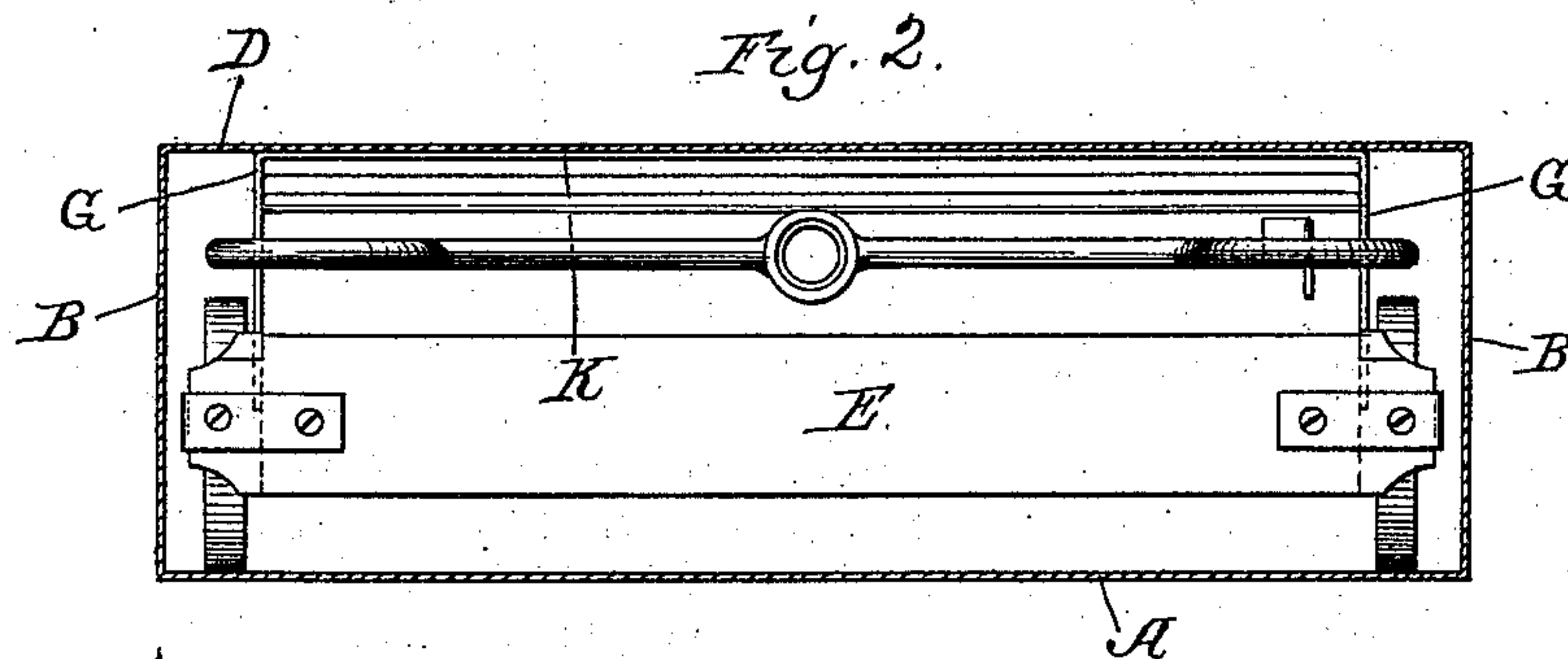
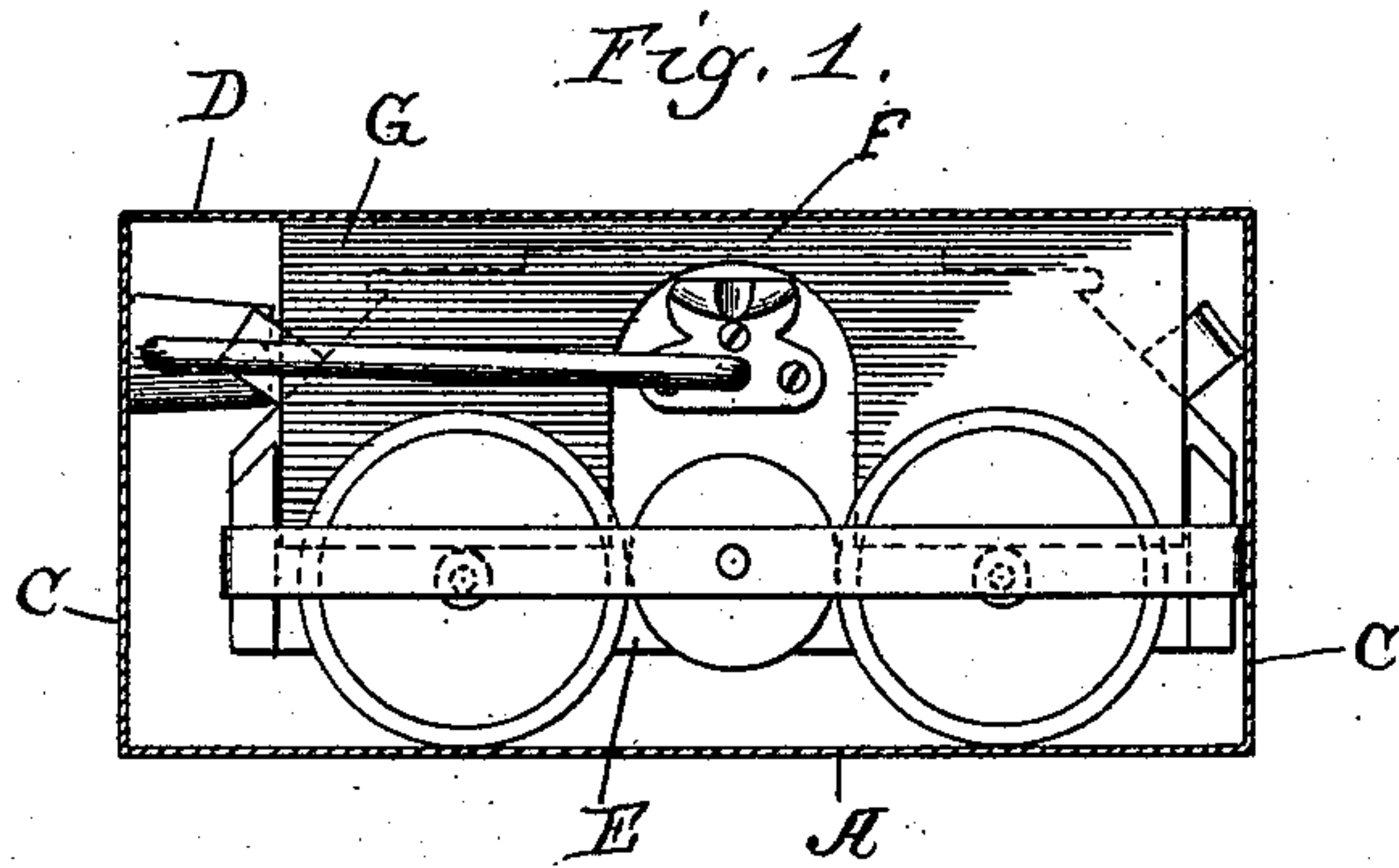
Patented Mar. 18, 1902.

T. H. BEDELL.

DEVICE FOR PACKING SWEEPERS OR THE LIKE.

(Application filed Dec. 3, 1901.)

(No Model.)



Witnesses.

Edward T. Wray.
Dorcas L. Wray

Inventor.

Thomas H. Bedell
by Parker Porter
Attorneys.

UNITED STATES PATENT OFFICE.

THOMAS H. BEDELL, OF MARION, INDIANA.

DEVICE FOR PACKING SWEEPERS OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 695,436, dated March 18, 1902.

Application filed December 3, 1901. Serial No. 84,506. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. BEDELL, a citizen of the United States, residing at Marion, in the county of Grant and State of Indiana, have invented a certain new and useful Improvement in Devices for Packing Sweepers or the Like, of which the following is a specification.

My invention relates to devices for packing carpet-sweepers and like objects, wherein there is a considerable extent of upper surface which is varnished, painted, or decorated and which it is necessary to protect from contact with the sides of the box in which the carpet-sweeper or like object is packed.

Carpet-sweepers are commonly packed in cardboard boxes and then stacked in groups in a shipping-case. The tops of the cardboard boxes sag under the jarring action and come down upon the tops of the carpet-sweepers, or when the cases are turned upside down the tops of the carpet-sweepers and the inside of the covers of the boxes come together. In either event and especially in warm weather the varnished surface is rubbed by the box and the varnish, paint, or decoration is injured. My invention is intended to obviate these difficulties and in a cheap, simple, and convenient manner to sustain the easily yielding top of the cardboard box in which the sweeper is packed and also to fix the sweeper in position.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a vertical section near one end of a cardboard box containing a sweeper with an end support in position. Fig. 2 is a longitudinal section of same. Fig. 3 is a longitudinal section showing a modified support. Fig. 4 is a cross-section of same. Fig. 5 is a cross-section of a packing-case containing a series of boxes.

Like parts are indicated by the same letter in all the figures.

A is the bottom of a cardboard box having the ends B B, the sides C C, and the top D.

E may indicate the object to be packed, in this case a carpet-sweeper, some few portions of the details of which are seen, but not further described. F is the top of said carpet-sweeper or like object, which is to be protected.

G G are end supports, shaped as indicated in Fig. 1 and set in position as indicated in Figs. 1 and 2, being supported upon the carpet-sweeper E and held in position by the parts thereof and being parallel with the ends of the box, as shown. J J are similar supports, placed, however, longitudinally and in like manner supported upon and held in position by the parts of the carpet-sweeper or like object and parallel with the sides. These end and side supports might be used, if desired, simultaneously or in the same construction, and it is obvious that they might be connected, as indicated in Fig. 2, by the connecting part K. This, however, can be omitted. These supports may be loose pieces made of open-work or they may be shaped somewhat as shown. They should be cut out to fit the carpet-sweeper or other object with which they are associated. It will be seen that they engage and thus support the comparatively thin top D of the cardboard box at a point somewhat removed from the ends, which also support such top. Thus the top is supported at three or more points along the line of its length or breadth, as the case may be, or both, and thus this thin cardboard of the top is strengthened and stiffened to a very considerable degree; but a further fact of importance connected with this construction is illustrated in Fig. 5, where is shown a series of such boxes, the end of the closed box only being seen piled up together in a packing-case L. Now by referring to Figs. 2 and 4 it will be observed that when a second box containing its sweeper or other like object is placed upon the first the weight of the object, in this case a carpet-sweeper, is placed upon the cardboard near the outer end or edge. Here there are two substantial supports for the cover, and since the burden or weight is between them the effect is to raise the middle of the top of the cardboard box and keep it away from the top of the object within.

I claim—

1. A device for packing carpet-sweepers, comprising an exterior box-like body, with a bottom and surrounding side vertical portions to inclose the sweeper, duplicate vertical portions within and near to but separated from the side portions, said duplicate portions resting upon and held in a vertical po-

sition by some portions of the sweeper, and a cover which rests upon such duplicate portions and the side portions of the box from which the duplicate portions are so separated.

5 2. A device for packing carpet-sweepers, comprising an exterior box-like body, with a bottom and surrounding side vertical portions to inclose the sweeper, duplicate vertical portions within and near to but separated
10 from the side portions, said duplicate portions resting upon and held in a vertical position by some portions of the sweeper and projecting beyond the side portions, and a cover which rests upon such duplicate por-
15 tions and the side portions of the box from which the duplicate portions are so separated.

3. A device for packing carpet-sweepers, comprising an exterior box-like body, with a bottom and surrounding side vertical por-
20 tions to inclose the sweeper, duplicate vertical portions within and near to but separated from the side portions, said duplicate portions resting upon and held in a vertical position by some portions of the sweeper, and a
25 cover which rests upon such duplicate portions, and the side portions of the box from

which the duplicate portions are so separated, said duplicate portions between the sweeper-wheels and body.

4. A device for packing sweepers, compris- 30
ing a box-like body, with a cover and vertical supports within such box, held in a vertical position by some portion of the sweeper and near to but separated from the side so that the cover is given supports at more than two 35
points along a given transverse line drawn through the middle portion of the box from side to side, so as to keep it from bending downwardly at the middle.

5. A device for packing sweepers, compris- 40
ing an exterior box-like body, with a bottom and surrounding side vertical portions to inclose the sweeper, duplicate vertical portions within, slightly separated from and substantially parallel with some portions of the side 45
vertical portions, so as to form a double support for the top and any load which may be put thereon.

THOMAS H. BEDELL.

Witnesses:

HOMER L. KRAFT,
FANNY B. FAY.