

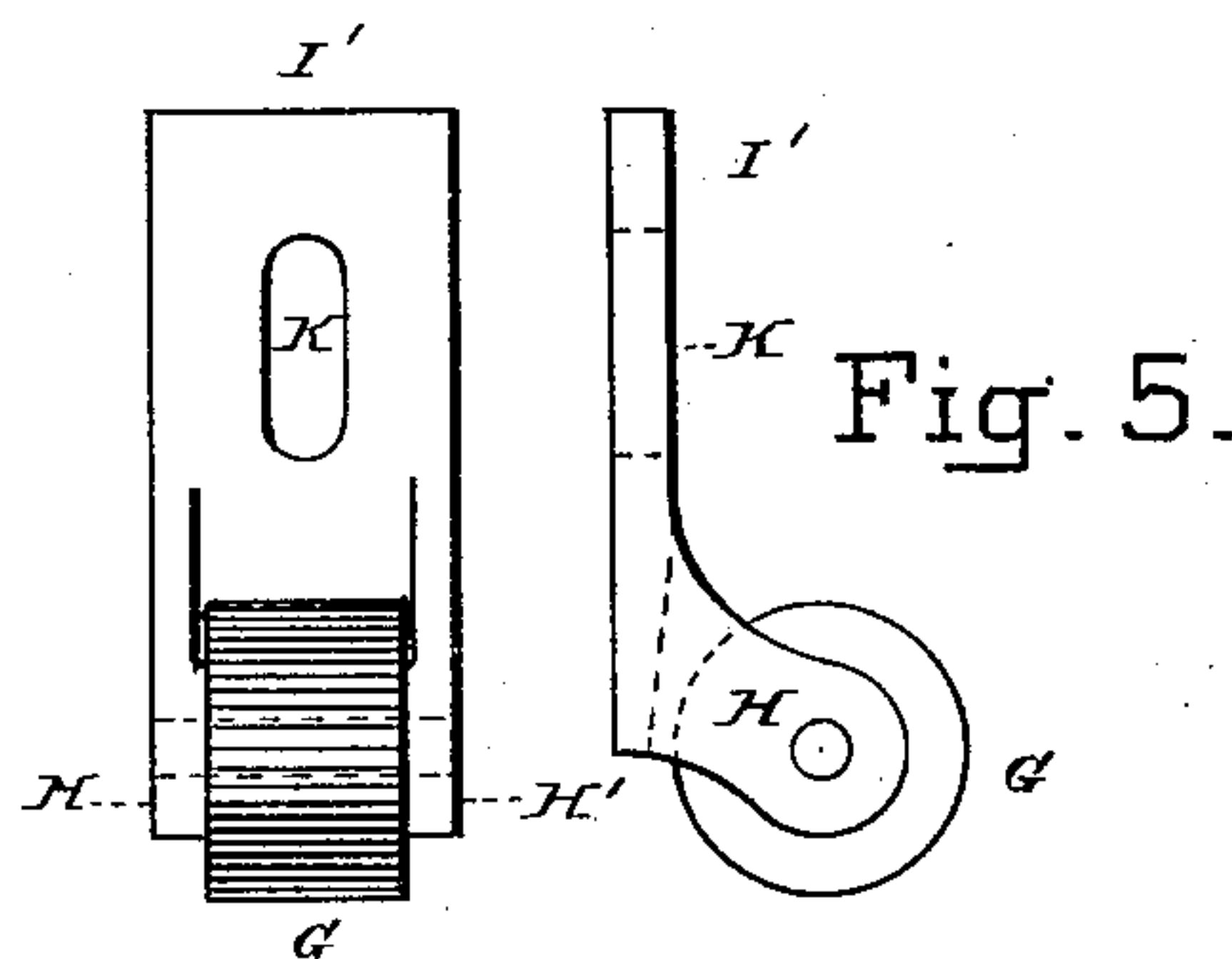
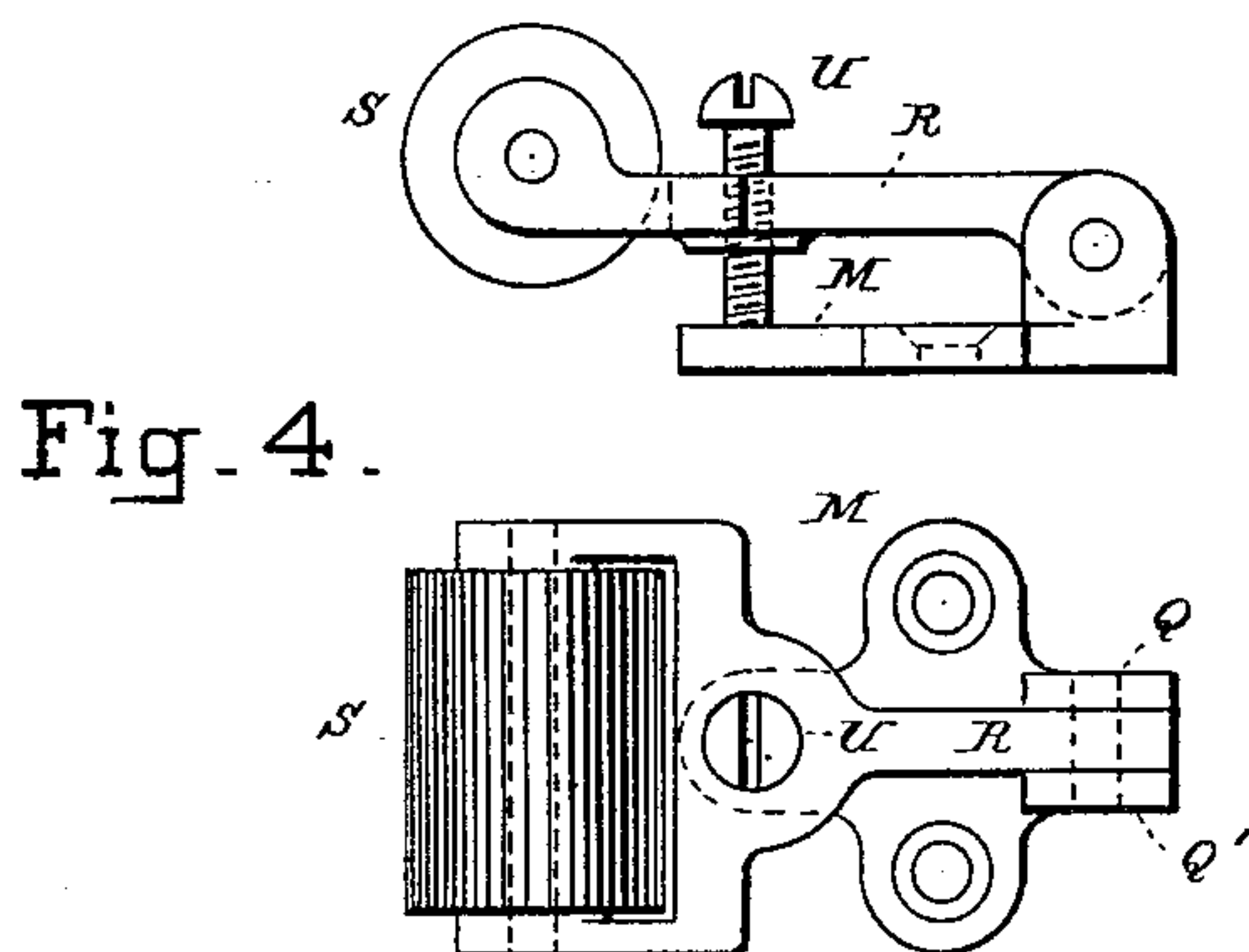
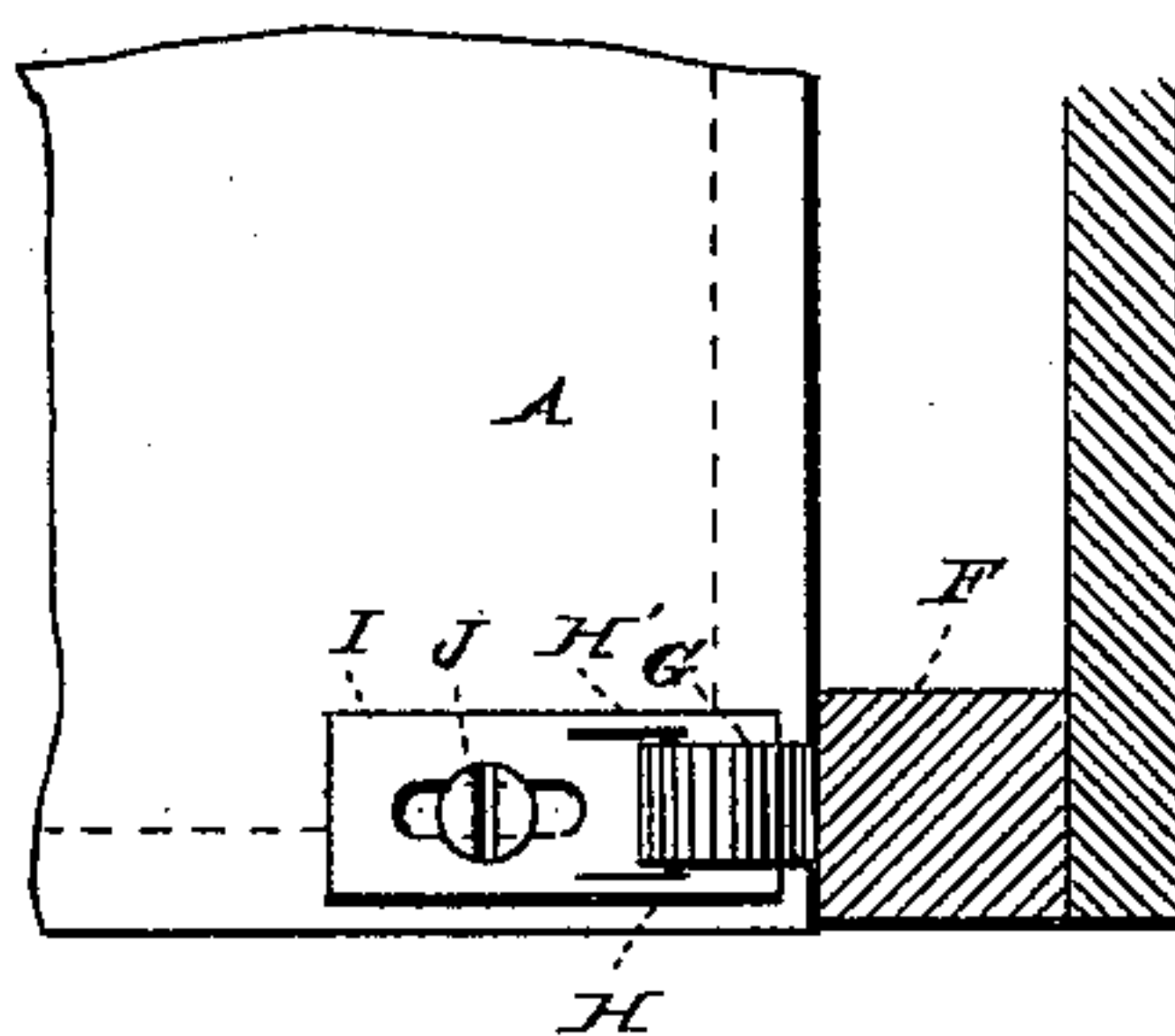
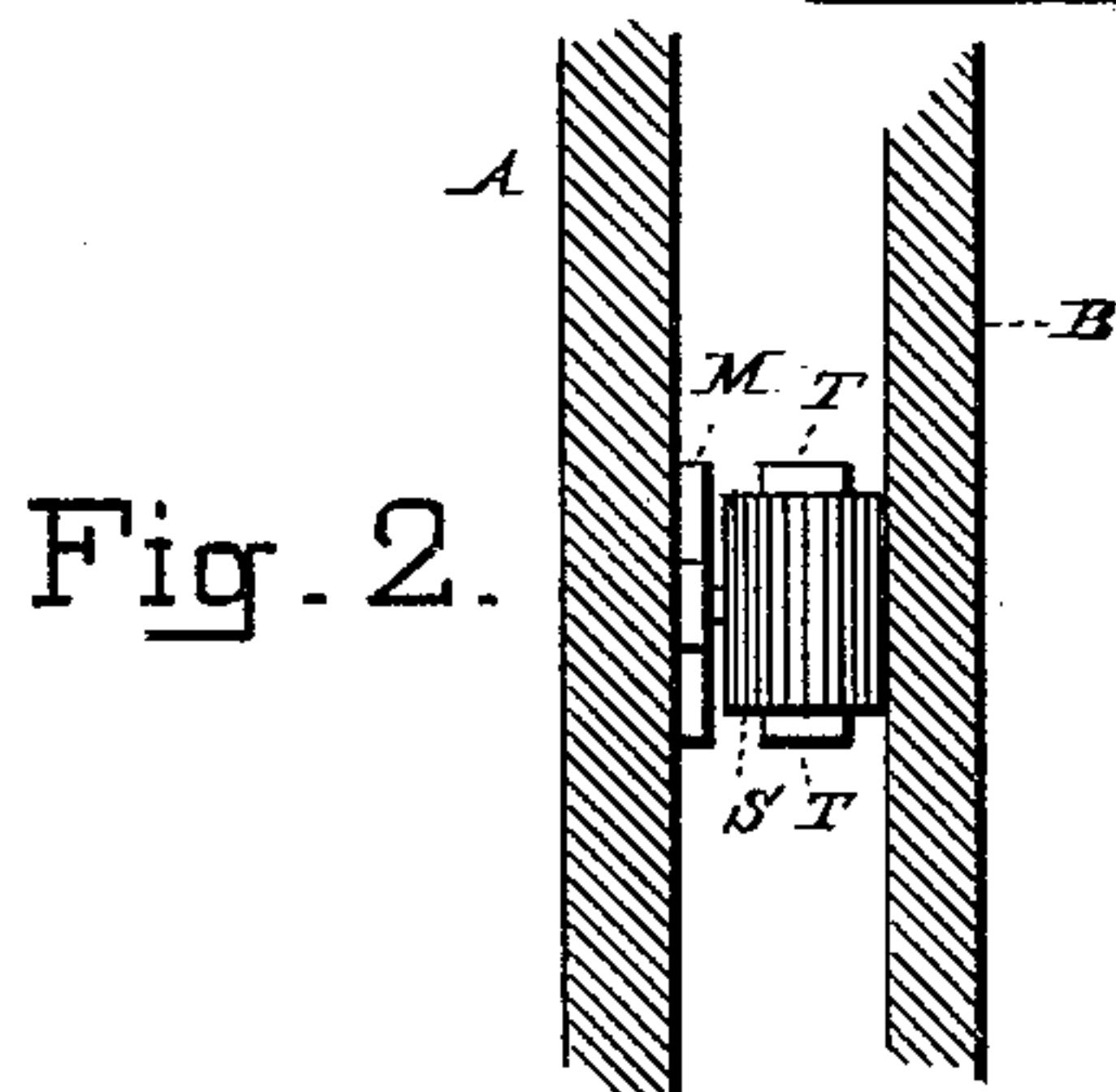
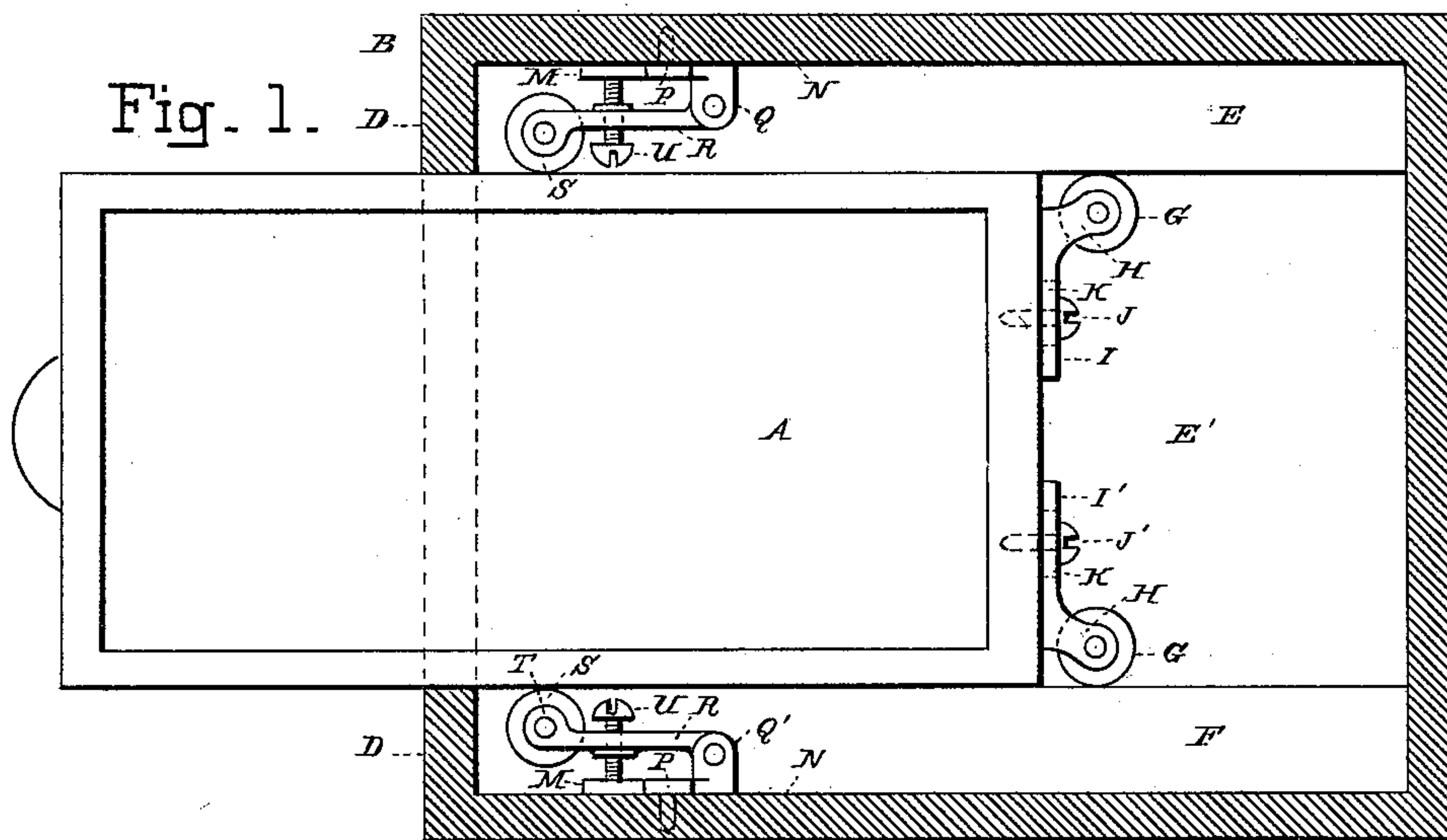
(No Model.)

L. H. NOURSE.

DRAWER GUIDE.

No. 353,640.

Patented Nov. 30, 1886.



—WITNESSES—

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UNITED STATES PATENT OFFICE.

LUCIUS H. NOURSE, OF WOONSOCKET, RHODE ISLAND.

DRAWER-GUIDE.

SPECIFICATION forming part of Letters Patent No. 353,640, dated November 30, 1886.

Application filed August 20, 1886. Serial No. 211,417. (No model.)

To all whom it may concern:

Be it known that I, LUCIUS H. NOURSE, a citizen of the United States, residing at Woonsocket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Drawer-Guides; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a horizontal section. Figs. 2, 3, 4, and 5 are detail views.

My invention relates to drawer-guides; and it consists in the construction and novel combination of parts, as hereinafter described, and pointed out in the claims.

Referring by letter to the accompanying drawings, B designates the drawer-case, and A is one of the drawers, of which any desired number may be used.

F F designate the guide strips or rails, which are secured to the inner faces of the vertical end walls of the case B, and these strips extend from the inner face of the front wall to the inner face of the rear wall of the drawer-case B, the width of the guide-strips F F being equal to the width of the vertical front wall portions, D D, at the ends of the openings or mouths of the drawer-spaces E. At its rear end each drawer is provided with two friction-rolls, G G, said friction-rolls being journaled between the lugs H H' of the slotted castings I I', said castings being secured in place on the external face of the rear end of the drawer by screws J J', passed through the slots K of said castings into the material of the drawer. The castings are thus made adjustable laterally to cause the friction-rolls G G to bear against the inner edges of the guide-strips F F.

Immediately above each guide-strip F, and near the front ends of the same, I provide castings M M, which are secured to the inner faces

of the side walls, N N', of the drawer-case B by screws P. These castings M M are provided at their rear ends with integral lugs Q Q', which project inwardly therefrom, and between these lugs Q Q' is pivoted a lever, R, which is provided with a friction-roll, S, which is journaled in bearings T T at the forward end of said lever R. In rear of the friction-roll S the lever R is provided with a set screw, U, and a washer, V, by which screw the lever may be adjusted to regulate the pressure of the friction-roll upon the side face of the drawer, and thereby insure the even working of the drawer when pushed into place or when drawn out to open it. This adjustment also provides for compensation of wear or shrinkage after the drawer has been used for some time.

The rolls may be made either of metal or wood.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with the drawer-case and its sliding drawer, of the parallel side guide-strips and levers, pivoted at one end to the inner side walls of the case, and provided with friction-rolls at their opposite ends, and the adjusting-screws for the said levers, arranged between the pivotal point and rollers thereof, substantially as specified.

2. The combination, with the drawer-case and its sliding drawers, of side guide-strips and pivoted levers secured to the vertical side walls of the drawer case, and provided with friction-rolls and adjusting-screws, and the laterally-adjustable slotted castings attached to the rear ends of said drawers, and having friction-rolls journaled in bearing in the outer ends of said castings, substantially as specified.

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

LUCIUS H. NOURSE.

Witnesses:

JEFFERSON ALDRICH,
GEO. W. SPAULDING.