

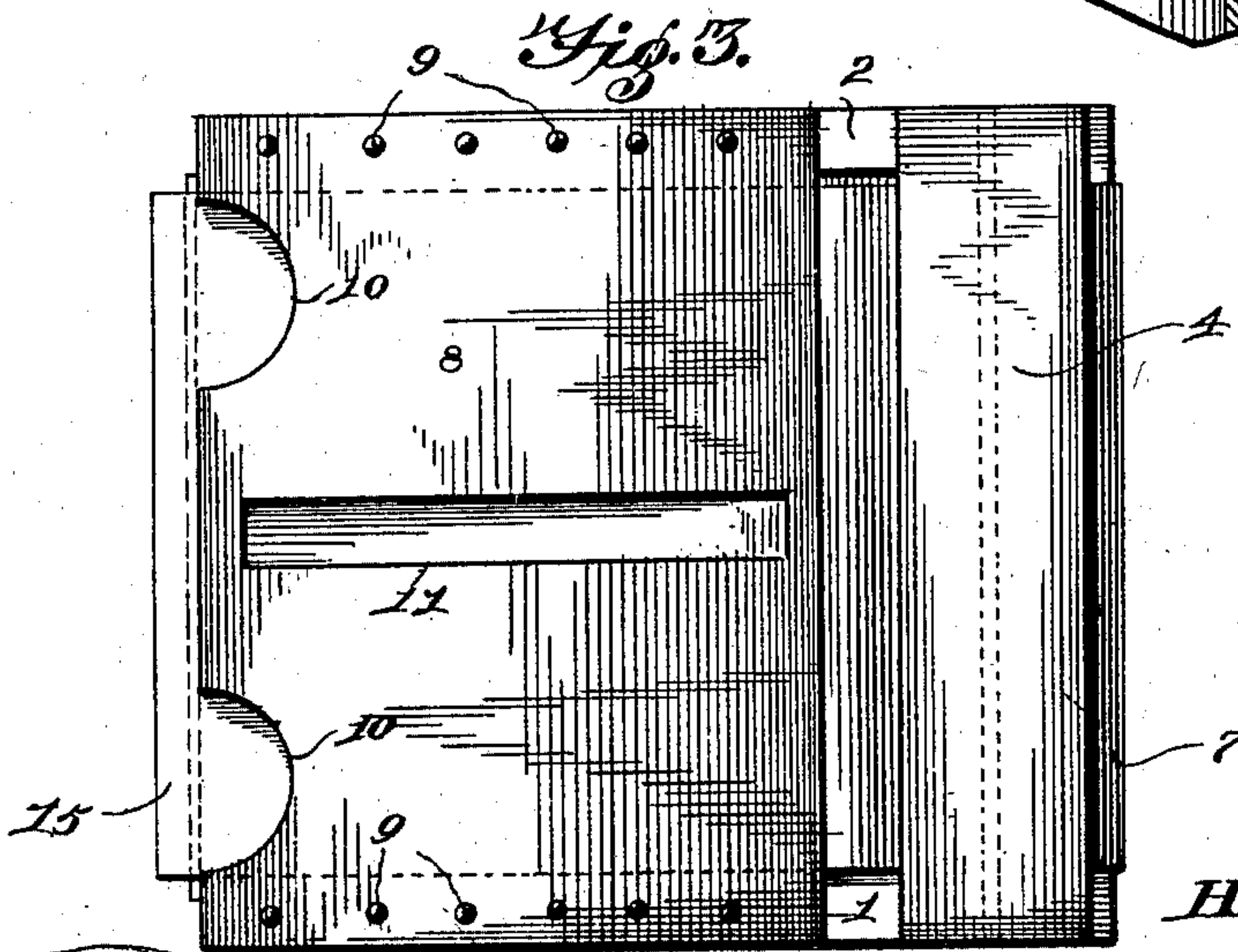
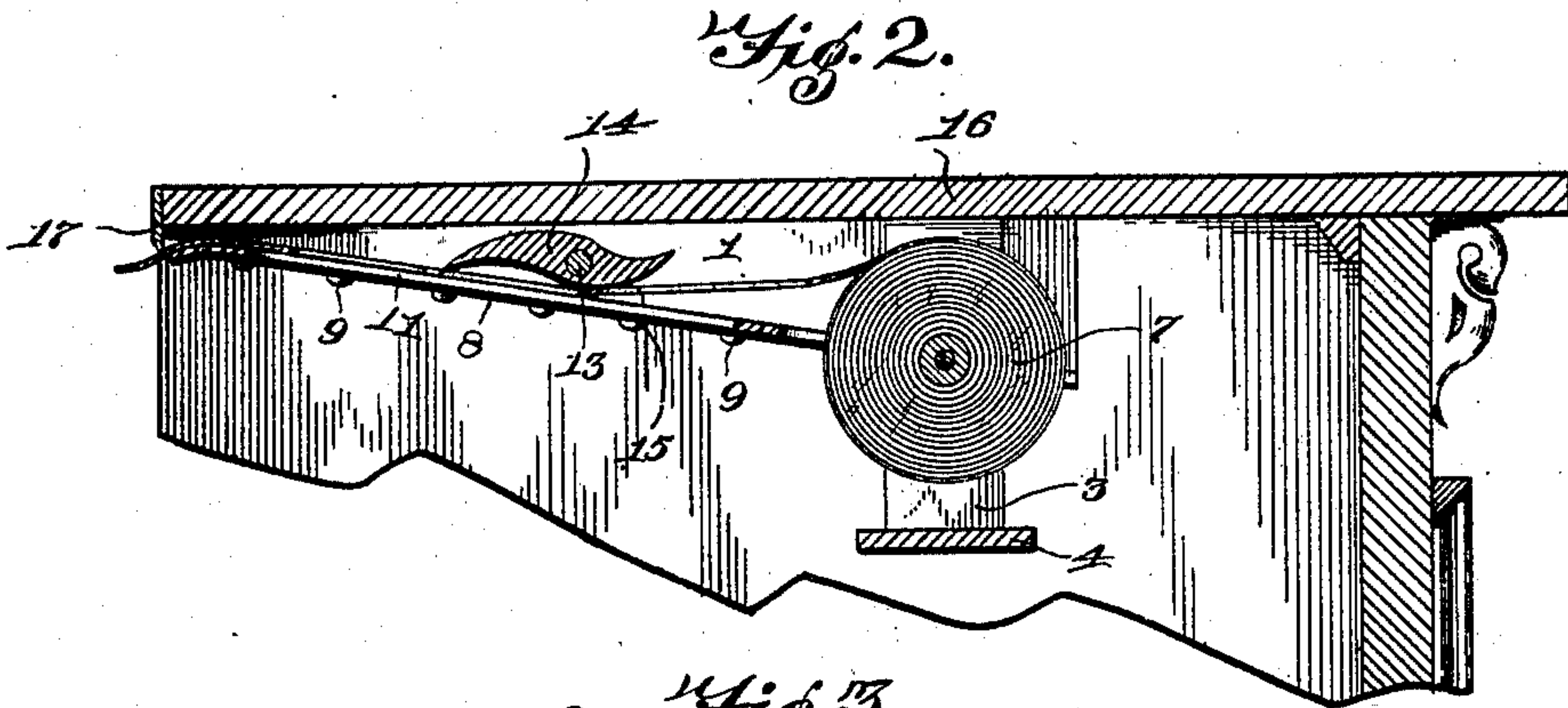
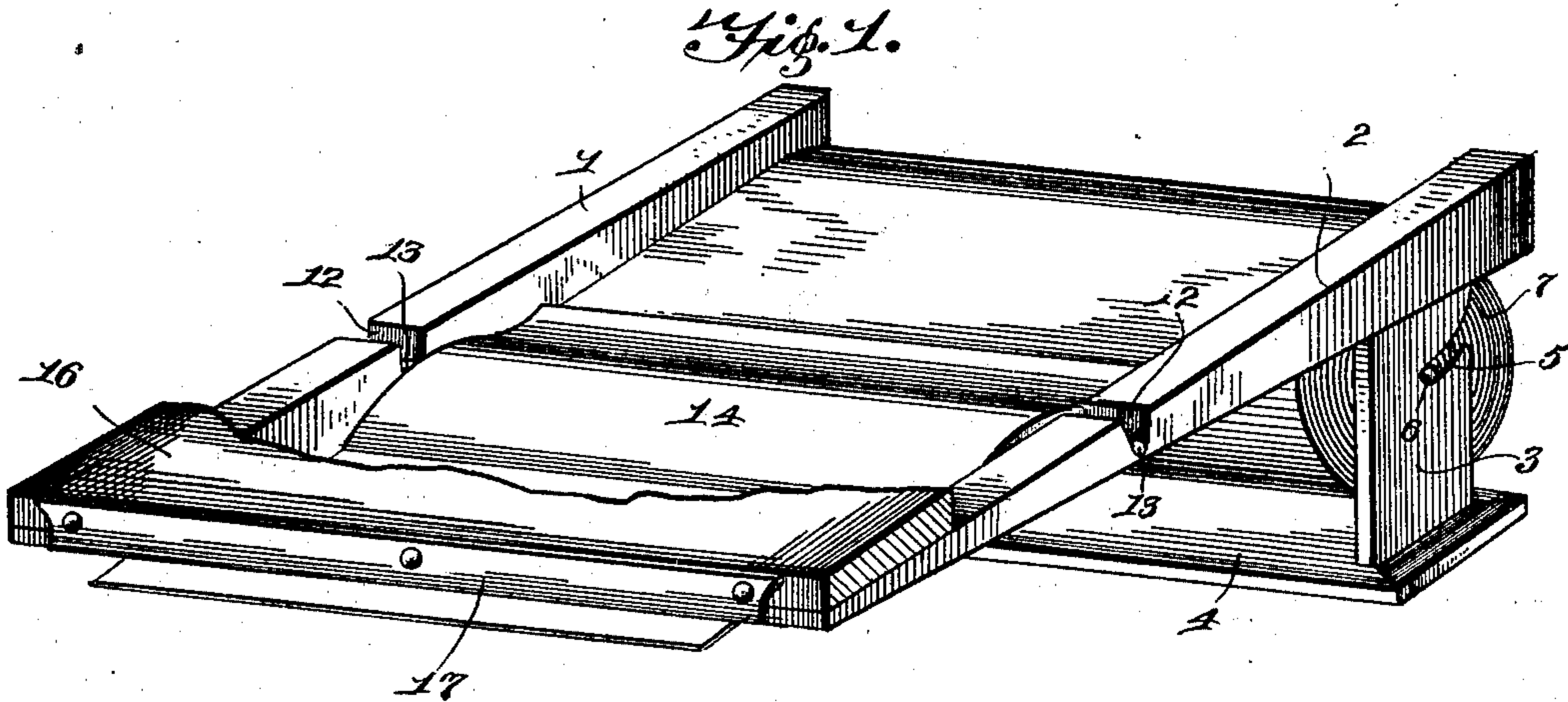
No. 671,083.

Patented Apr. 2, 1901.

H. HULL.
PAPER ROLL HOLDER AND CUTTER.

(Application filed Apr. 16, 1900.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

HARVEY HULL, OF WEST BURLINGTON, NEW YORK.

PAPER-ROLL HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 671,083, dated April 2, 1901.

Application filed April 16, 1900. Serial No. 13,095. (No model.)

To all whom it may concern:

Be it known that I, HARVEY HULL, a citizen of the United States, residing at West Burlington, in the county of Otsego and State of New York, have invented a new and useful Paper-Roll Holder and Cutter, of which the following is a specification.

This invention relates to paper-roll holders and cutters, and has for one object to provide an improved device of this character which is especially designed for application to the under side of a counter, so that the paper may be conveniently housed and protected and at the same time in convenient position for removal from the roll. It is furthermore designed to assemble the parts of the device upon a single frame, so that the latter may be conveniently secured to the under side of a counter or shelf without changing the latter.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of the device constructed and arranged in accordance with the present invention, the counter being broken away. Fig. 2 is a longitudinal sectional view of the device applied to the under side of a counter. Fig. 3 is a bottom plan view of the holder.

Corresponding parts in the several figures of the drawings are designated by like characters of reference.

Referring to the accompanying drawings, 1 and 2 designate the opposite longitudinal side bars of the frame structure for supporting the roll of paper. Pendent from the rear end of each frame-bar is a hanger 3, and the lower ends of the opposite hangers are connected by means of a transverse flat bar 4. In the rear edge of each hanger there is provided an inclined slot 5, which is designed to form a bearing for one of the journals 6 of the paper-roll 7, whereby the latter is sup-

ported above the bar 4, so that the latter forms a guard to prevent looseness of the paper-roll as well as to connect the opposite brackets or sides of the supporting-frame. 55

Located in advance of the paper-roll is a bottom plate 8, preferably of sheet metal, which is secured to the lower edges of the side pieces by means of suitable fastenings 9. The outer edge of this bottom plate is provided with the opposite notches 10, which are located adjacent to the respective longitudinal edges of the plate, and extending centrally of the latter is a longitudinal slot 11. 60

In the upper edges of the opposite side pieces and in advance of the paper-roll are the corresponding notches 12, which are designed to form bearings for the respective journals 13 of the weighted rock-bar 14. As best shown in Fig. 2, this rock-bar is of convolute form in cross-section, having its front edge sharpened and rounded or inclined downwardly and its rear edge rounded or inclined upwardly, so as to facilitate the introduction of the free portion 15 of the paper between the rock-bar and the bottom plate, while the front edge frictionally bears upon the paper to prevent rearward movement thereof and also to prevent rucking or wrinkling of the paper. It will also be noted that the rock-bar is eccentrically mounted, so that its forward edge may normally rest upon the paper and the bottom plate and the under edges of the side pieces inclined downwardly and rearwardly, so as to provide room for the rock-bar beneath the counter 16, to the under side of which the side pieces of the frame are connected in any suitable manner, whereby the space between the bottom plate and the counter is contracted toward the forward end of the frame in order that the free extremity of the paper may have comparatively no play and is thus held against looseness. Secured to the rear edge of the counter is a knife-blade 17, that has its lower sharp edge resting upon the paper, so that the latter may be torn in the usual manner. 75 80 85 90 95

It will be observed that the knife-blade closes the front end of the frame and is arranged adjacent to the bottom plate, so as to form a transverse slot for the exit of the free portion of the paper. 100

As best shown in Fig. 2 of the drawings, it will be noted that the length of the supporting-frame is less than the width of the counter-top in order that the paper-roll may be inserted between the rear end of the frame and the front of the counter and applied to the hangers 3. The bottom plate has its rear edge located adjacent to the paper-roll, so that by unrolling the latter the free end thereof may be readily brought upon the bottom plate and over the slot 11, which latter exposes the paper and permits of it being drawn forwardly beneath the rock-bar and the knife-blade, while the opposite notches 10 in the front edge of the bottom plate permit of the fingers being engaged with the free end of the paper to pull it out into position for tearing off.

What is claimed is—

1. In a paper-roll holder, a frame, having a bottom plate forming a support for the free portion of the paper, means for mounting a paper-roll at the rear end of the plate, a transverse fixed knife-blade at the front end of the plate, and a rocking friction-retarding device mounted independently of the knife-blade, located above and in close proximity to the upper side of the bottom plate and transversely between the means for mounting a paper-roll and the knife, and always in frictional engagement with the free portion of the paper.

2. In a paper-roll holder, the combination with a supporting-frame, of a bottom plate to form a support for the free portion of the paper, means for mounting the paper-roll at one end of the bottom plate, a knife at the opposite end of the plate, and an eccentric rock-

bar mounted upon the frame and located between the opposite ends of the bottom plate.

3. In a paper-roll holder, the combination of a frame, comprising opposite side pieces, having their under edges inclined downwardly and rearwardly, a top, a bottom plate secured to the under edges of the side pieces, and provided with a longitudinal slot and front notches, opposite hangers at the rear end of the frame, and having bearings for the paper-roll, a transverse guard-bar connecting the lower ends of the hangers, a knife secured to the front edge of the top, and an eccentric rock-bar mounted in the sides of the frame, located between the opposite ends of the plate, and frictionally engaging the latter.

4. The combination with the top of a counter, of opposite side bars secured transversely across the under side of the counter-top, a bottom plate secured to the side bars, opposite pendent hangers at the rear end of the plate, and having means for mounting a paper-roll, a knife-blade secured to the edge of the counter, closing the front of the device and terminating adjacent to the bottom plate and forming an exit-slot for the paper, and a rocking friction-retarding device journaled in the opposite side bars and located between the knife and the hangers and always in frictional engagement with the paper.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HARVEY HULL.

Witnesses:

CLARA A. WELCH,
JOHN L. SHAW.