

No. 657,105.

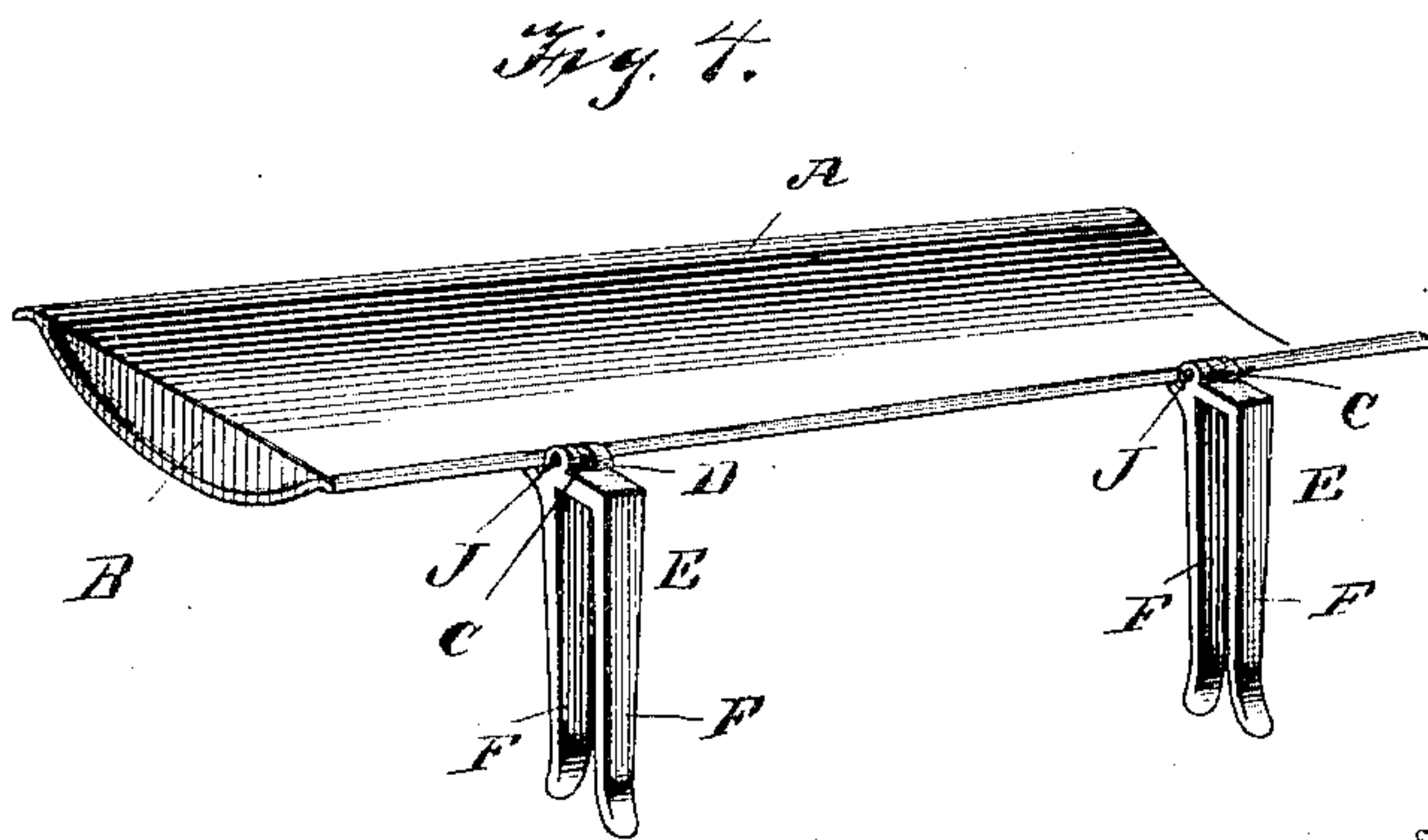
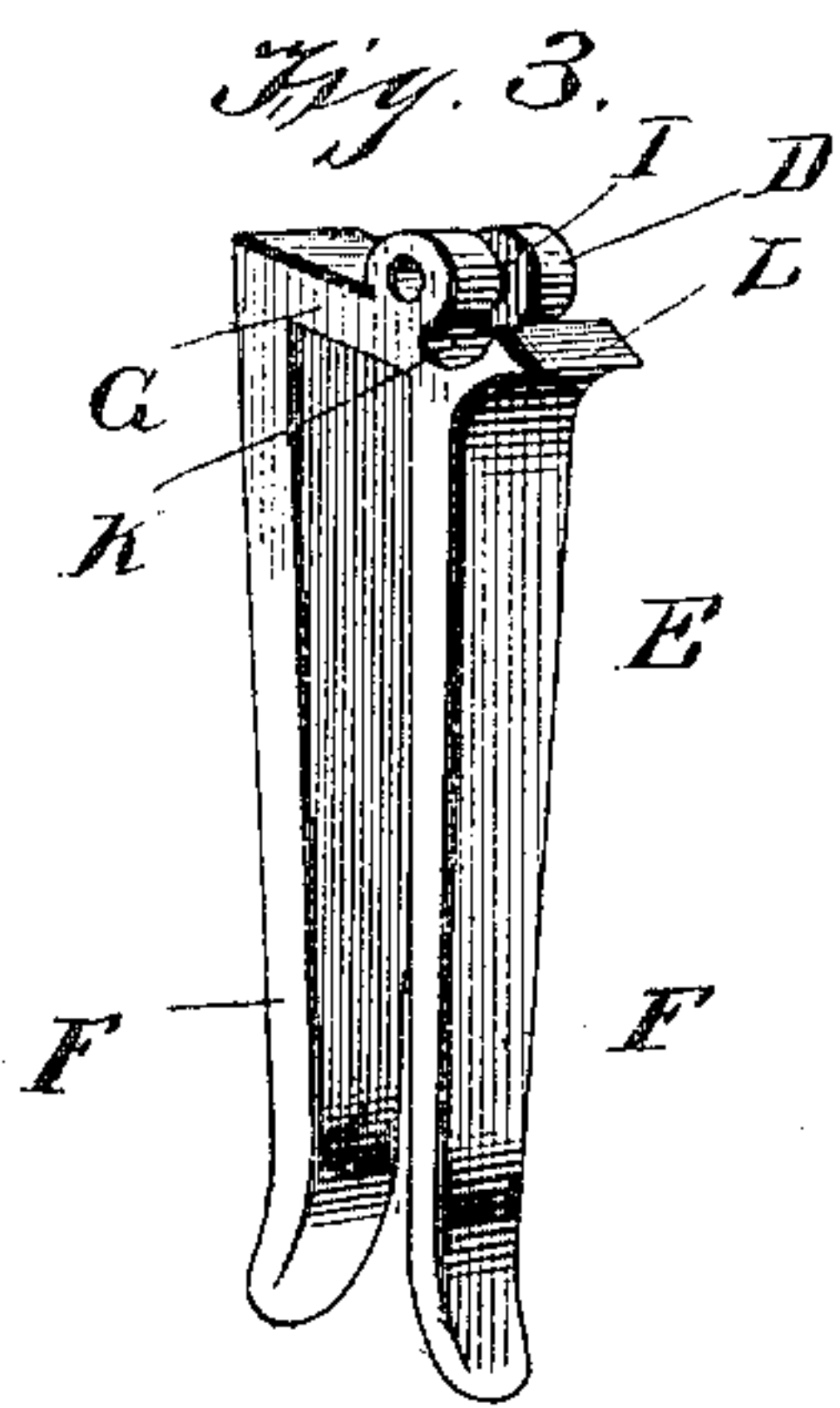
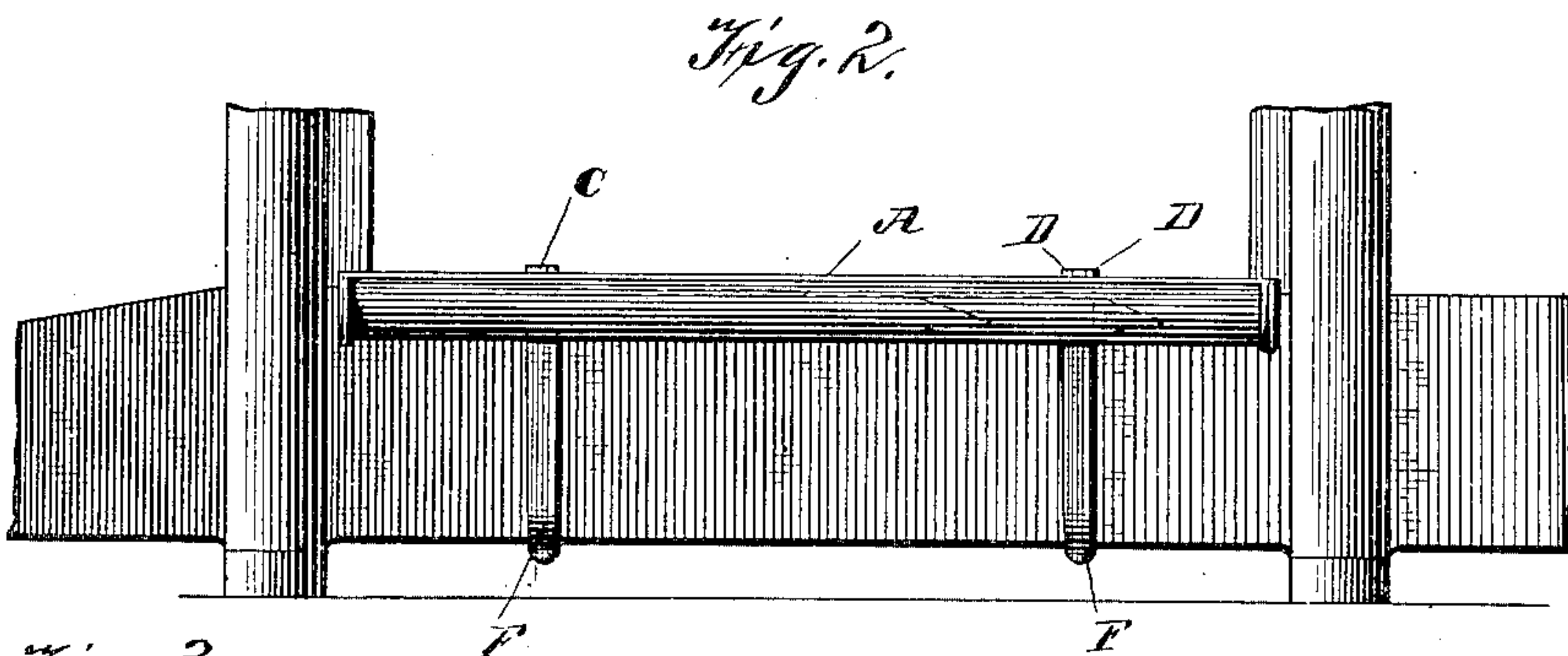
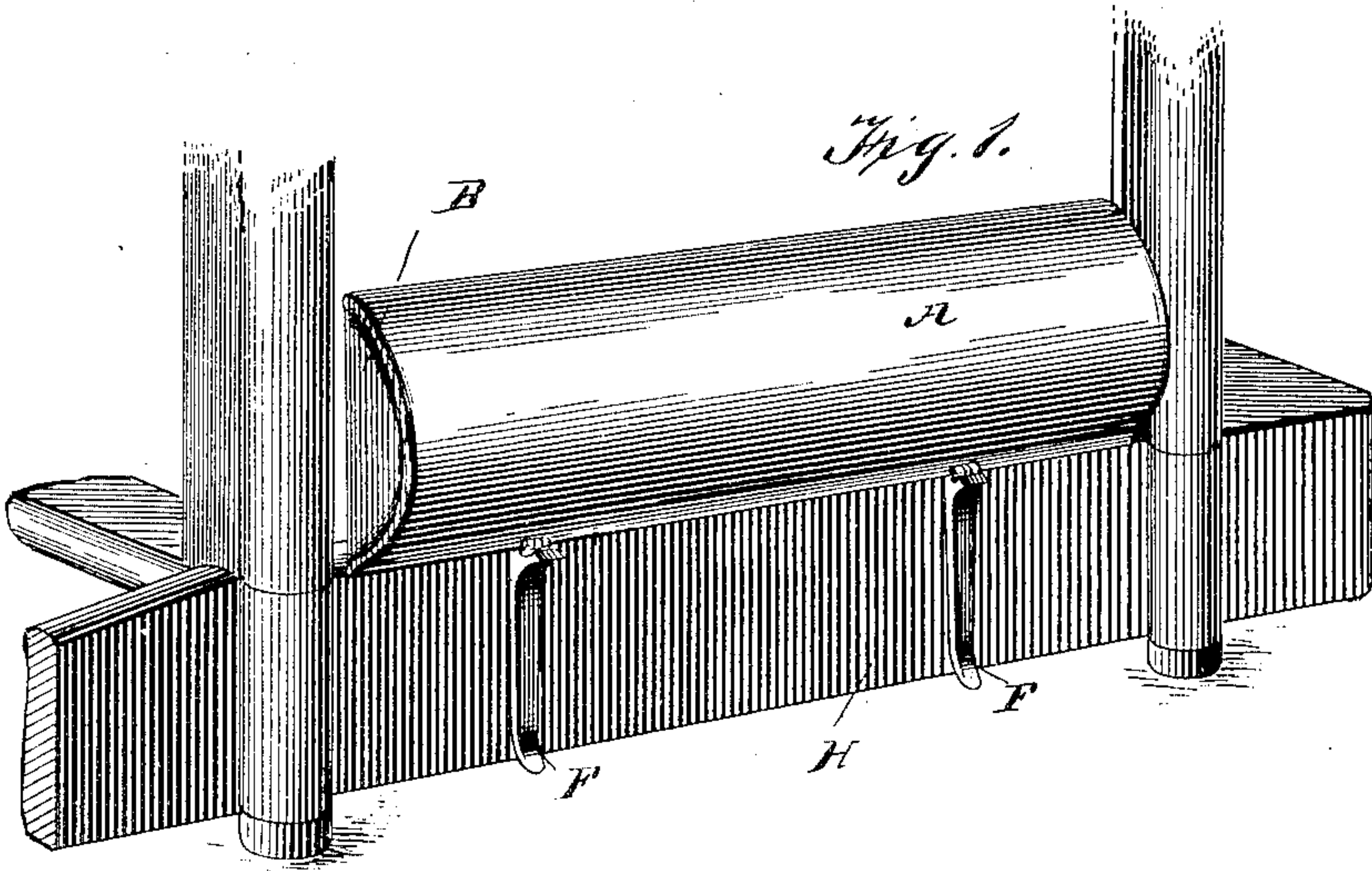
Patented Sept. 4, 1900.

E. L. HAMILTON.

PENCIL TRAY ATTACHMENT FOR TYPE WRITERS.

(Application filed June 23, 1899.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

EDITH L. HAMILTON, OF FRESNO, CALIFORNIA.

PENCIL-TRAY ATTACHMENT FOR TYPE-WRITERS.

SPECIFICATION forming part of Letters Patent No. 657,105, dated September 4, 1900.

Application filed June 23, 1899. Serial No. 721,549. (No model.)

To all whom it may concern:

Be it known that I, EDITH L. HAMILTON, residing at Fresno, in the county of Fresno and State of California, have invented a new and useful Pencil-Tray Attachment for Type-Writers, of which the following is a specification.

My invention relates generally to type-writing machines, and more particularly to a tray and means whereby it may be attached to such machines.

The object of the invention is to provide an improved attachment for type-writing machines comprising a tray for holding pencils and the like and means whereby it may be instantly attached to or removed from the machine and whereby it may be turned over upon the machine when out of use to permit of placing the cover in position over the machine.

With this object in view my invention consists in the improved construction, arrangement, and combination of parts hereinafter fully described and afterward specifically pointed out in the appended claims.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming part hereof, in which—

Figure 1 is a perspective view of the right-hand side of the frame of a type-writing machine with my improved attachment in place thereon, the tray being turned over to permit of the placing of the cover over the machine. Fig. 2 is a view in front elevation of the same parts in position for use. Fig. 3 is a perspective view of one of the attaching-clamps detached. Fig. 4 is a similar view of the tray detached.

Like letters of reference mark the same parts in all of the figures of the drawings.

Referring to the drawings by letters, A indicates a tray of sheet metal with closed rear end B and open front end and having its edges turned or beaded to give it a smooth ornamental shape and appearance. The tray is provided on its inner edge near its ends with members C C of hinges, the other members D D of the hinges forming part of the

heads of the attaching-clamps E, one of which is illustrated, detached, in Fig. 3. These clamps E are duplicates and are each provided with spring-arms F F, depending from a plate or head G, said arms being at their points of attachment with the head at a proper distance apart to snugly fit upon a part H of the frame of the machine and held normally nearer together at their extremities. The hinge members D D are formed at one edge of the heads G with spaces I between them to receive the members C C, and the two sets of members are attached together, as usual, by pintles J.

Below the members D D are grooves K for the reception of the hinged edge of the tray when it is opened or swung outward, the lower walls of the grooves being extended beyond the vertical plane of the members D to form stops L to support the tray.

The tray being hinged to the attaching-clamps in the manner specified, the whole attachment may be removably secured to the frame of the machine by springing the ends of the arms F apart and slipping them over the part H of the frame. The tray will now rest upon stops L and be held in horizontal position, as shown in Fig. 2, forming a handy receptacle for pencils, erasers, or other articles used by typists.

When it is desired to cover the machine, the articles are removed and the tray turned over to the position shown in Fig. 1, in which position it will not interfere with the adjustment of the cover upon the machine.

While I have illustrated and described what I consider to be the best means now known to me for carrying out my invention, I do not wish to be understood as restricting myself to the exact forms and constructions shown, as many slight changes therein or variations therefrom might suggest themselves to the ordinary mechanic, all of which would be clearly included within the limit and scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A pencil-tray for type-writers, having on one edge a bead and perforated hinge-lugs, clamps each comprising a head and two legs projecting from the under side thereof,

the upper side of the head being provided with a transverse groove near one end and a projection, the top of which is inclined on one side of the groove, the top of the head
5 upon the opposite side of the groove being provided with two upwardly-extending lugs to form a hinge with the lug upon the tray, substantially as set forth.

2. In a pencil-tray, the combination with
10 two clamps, of a curved-bottom tray hinged thereto, each of the clamps comprising a head, the lower side of which is provided with two legs and the upper surface is grooved transversely near one end, a projection at
15 that end of the head on one side of the groove, the top of which is inclined, and the top of the head upon the other side of the groove is provided with upwardly-extending perforated lugs, and the tray being open at the
20 front end and closed at the rear and having its inner edge provided with a bead and perforated projections to fit between the lugs of the clamp, and pintles through said projec-

tions and lugs, the bottom of the tray being adapted to rest upon the inclined projection 25 of the head when the tray is in its open position.

3. The combination, with two clamps adapted to be removably secured to one side of a type-writer, the top of each clamp being
30 grooved transversely for the reception of the edge of the tray and provided with a projection on one side of the groove and with hinge members upon the other, of a tray pivotally secured to the clamps, one end of which is 35 open and the other end is closed, and one edge is provided with projections in position to fit between the hinge members of the clamp, the tray resting upon the projections of the clamps when open and standing above 40 the side of the machine when closed.

EDITH L. HAMILTON.

Witnesses:

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