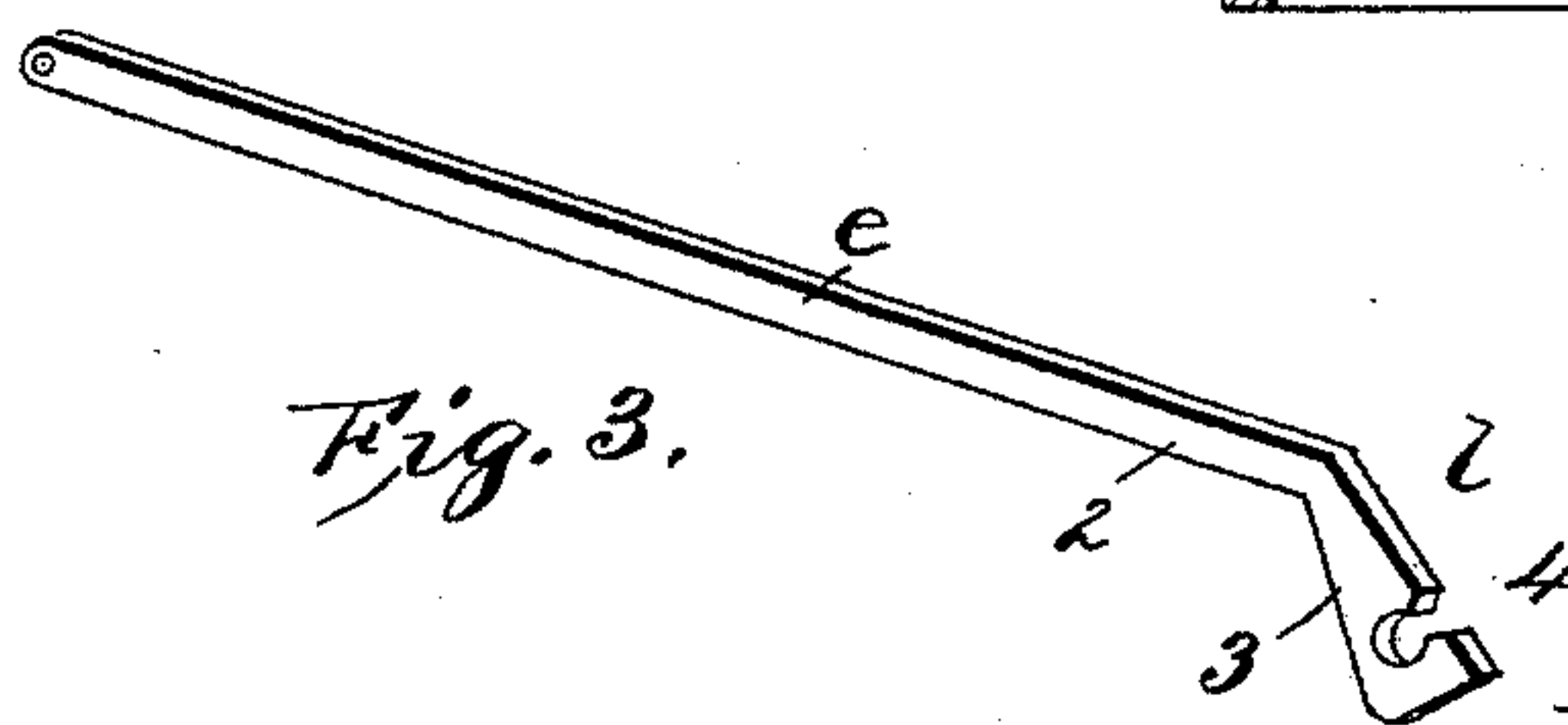
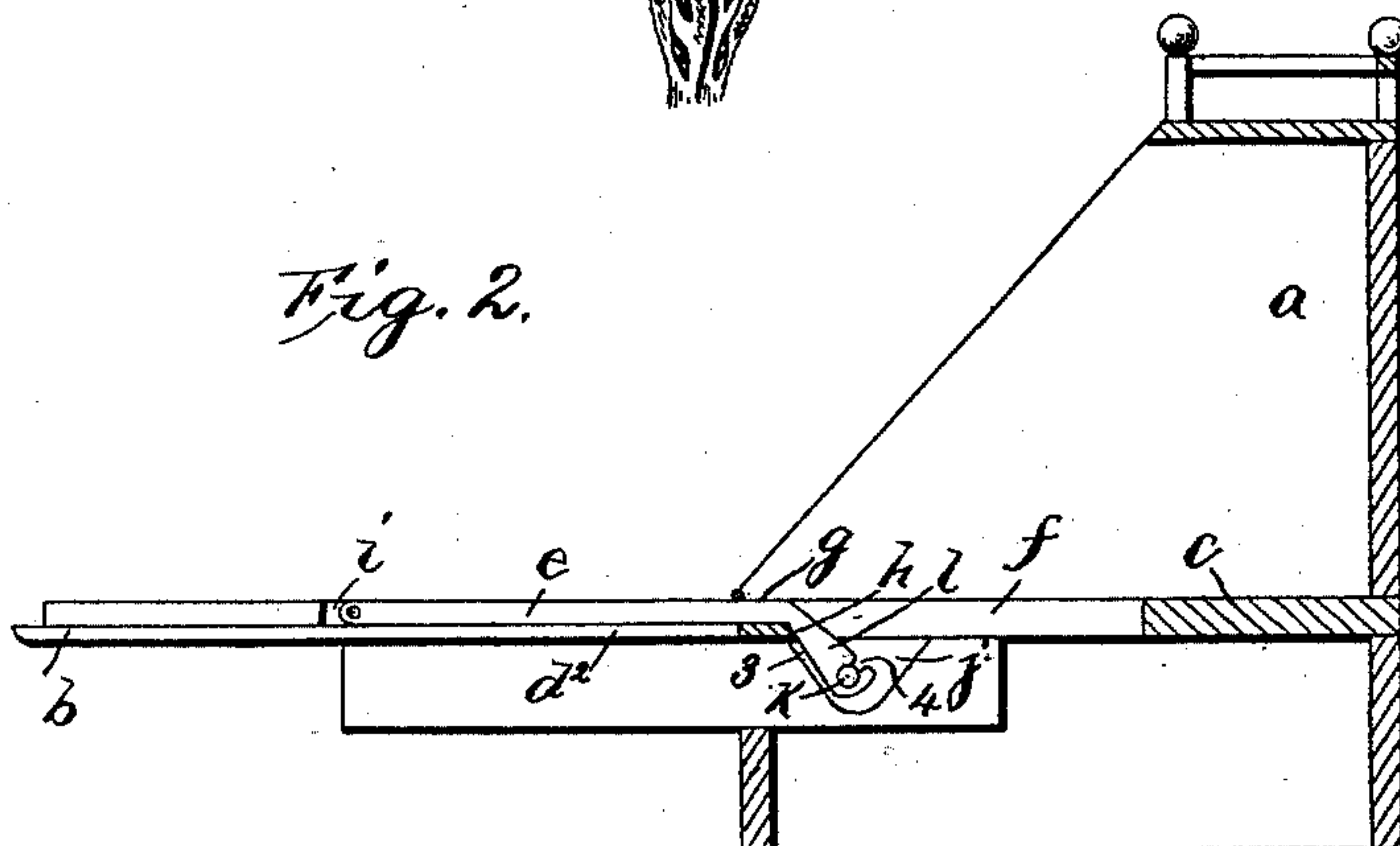
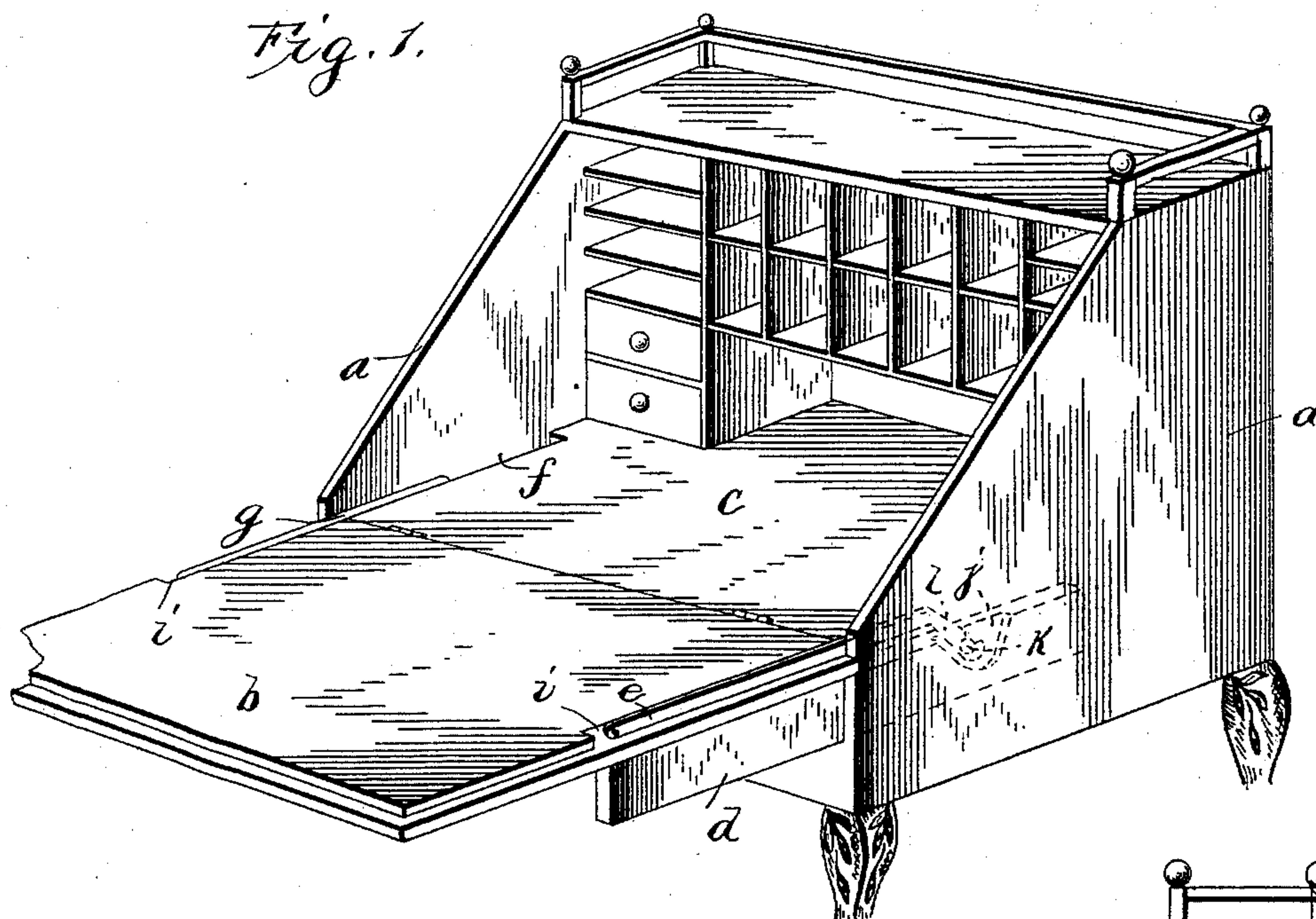


(No Model.)

E. F. POOLEY.
DESK.

No. 483,864.

Patented Oct. 4, 1892.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWARD F. POOLEY, OF MEDIA, ASSIGNOR TO POOLEY BROS., OF PHILADELPHIA, PENNSYLVANIA.

DESK.

SPECIFICATION forming part of Letters Patent No. 483,864, dated October 4, 1892.

Application filed June 9, 1892. Serial No. 436,141. (No model.)

To all whom it may concern:

Be it known that I, EDWARD F. POOLEY, of Media, in the county of Delaware and State of Pennsylvania, have invented certain new and useful Improvements in Desks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 the letters and figures of reference marked thereon, which form part of this specification.

This invention relates to certain improvements in desks.

The object of the invention is to improve certain details in the construction, whereby a very simple and durable means is provided for automatically operating the slides of a lid-desk by means of the movement of the lid.

The invention consists in certain novel features of construction and in combinations of parts, more fully described hereinafter, and particularly pointed out in the claims.

Referring to the accompanying drawings, Figure 1 is a perspective of the desk with a portion broken away. Fig. 2 is an elevation with one side of the desk removed. Fig. 3 is a detail view of the connecting-link.

In the drawings the reference-letter *a* indicates a desk provided with swinging lid or cover *b* at its inner edge, hinged to the front or outer edge of the desk-shelf or table *c* to swing up against the top of the desk and close the same or to swing down to the horizontal position, forming a continuation of the shelf. Supporting-slides *d* are provided to support the lid in its horizontal position. These slides move in ways in the desk beneath the ends of the shelf and opening through the desk front beneath the lid. The slides are connected to the lid to be automatically operated by links *e*. The ends of the shelf are formed with slots *f* over the slides and which extend almost to, but not through, the front edge of the shelf. From the front ends of said slots *f* recesses *g* extend through the front edge of the shelf. These recesses are of the same or greater depth than the width of the links *e*. The shoulder *h*, preferably inclined, is formed at the junction of each slot *f* and recess *g*.

Recesses or seats *i i* are formed in the ends of the lid corresponding to and forming continuations of the recesses *g g* in the desk-shelf. Each slide is provided with a side recess *j*, in which a headed pin or screw *k*, secured in the slide, is located.

The links *e* at their outer ends are pivoted to the ends of the lid at the outer ends of the seats or recesses therein. The inner ends of the links are bent downwardly, as shown, so that their inner edges *2 3* form such an angle as to respectively and snugly fit the bottoms of recesses in the lid and shelf and the shoulders *h* when the lid is lowered. The inner extremities of the links are provided with hooks *4* to removably engage the headed pintles *k*. These hooks *4* open through the rear sides of the links, so that the links can be attached or detached to the slides after they have been properly located by raising the links (with their outer ends free) until their bent ends assume a substantially-horizontal position and then dropping the hooks on or raising them from pintles *k*. This is a most simple, quick, and easy way of attaching the links when constructing the desks, as the slides have to be first placed in position without the links. By reason of the peculiar shape of the links, when the lid is dropped the links drop into the lid and shelf recesses flush with or beneath the surface of said lid and shelf, automatically drawing out the slides. It is obvious how the lid and links automatically operate the slides. By this arrangement the top of the lid and shelf remain smooth and even and the lid is secured to the slides by the links alone without intervening constructions.

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

1. In a desk, the combination of the shelf having the end slots and the recesses from the front ends of said slots through the front edge of the shelf and the intermediate shoulders at the junctions of said shelf slots and recesses, the lid having recesses forming continuations of said shelf-recesses, the slides beneath the shelf and having side recesses, and the links at their outer ends pivoted in said lid-recesses and having the bent inner ends

pivoted in said recesses of the slides, said links being so shaped as to fit in said recesses flush with the surfaces of the lid and shelf when the lid is lowered, substantially as described.

2. In a desk, the combination of the shelf having the end slots terminating in recesses extending through the front edge of the shelf with inclined shoulders formed at the junctions of the slots and recesses, the slides having side pintles, the lid having recesses corresponding to said shelf-recesses, and the links pivoted in said lid-recesses and having the bent inner ends, the inner edges forming such an angle as to fit said recesses and shoulders so as to lie flush with the shelf and lid, the inner ends of the links being pivoted to said pintles, substantially as described.

3. In a desk, the combination of the shelf having end slots and recesses, the horizontal reciprocating slides in the desk beneath said shelf and having headed pintles on their sides, the lid hinged to said shelf, and the links at their outer ends pivoted to the lid and having their inner ends bent to extend down through said slots to the slides and slotted to form hooks to engage said pintles, as described.

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

EDWARD F. POOLEY.

Witnesses:

FRANK B. STOCKLEY,
EDWIN C. NEVIN.