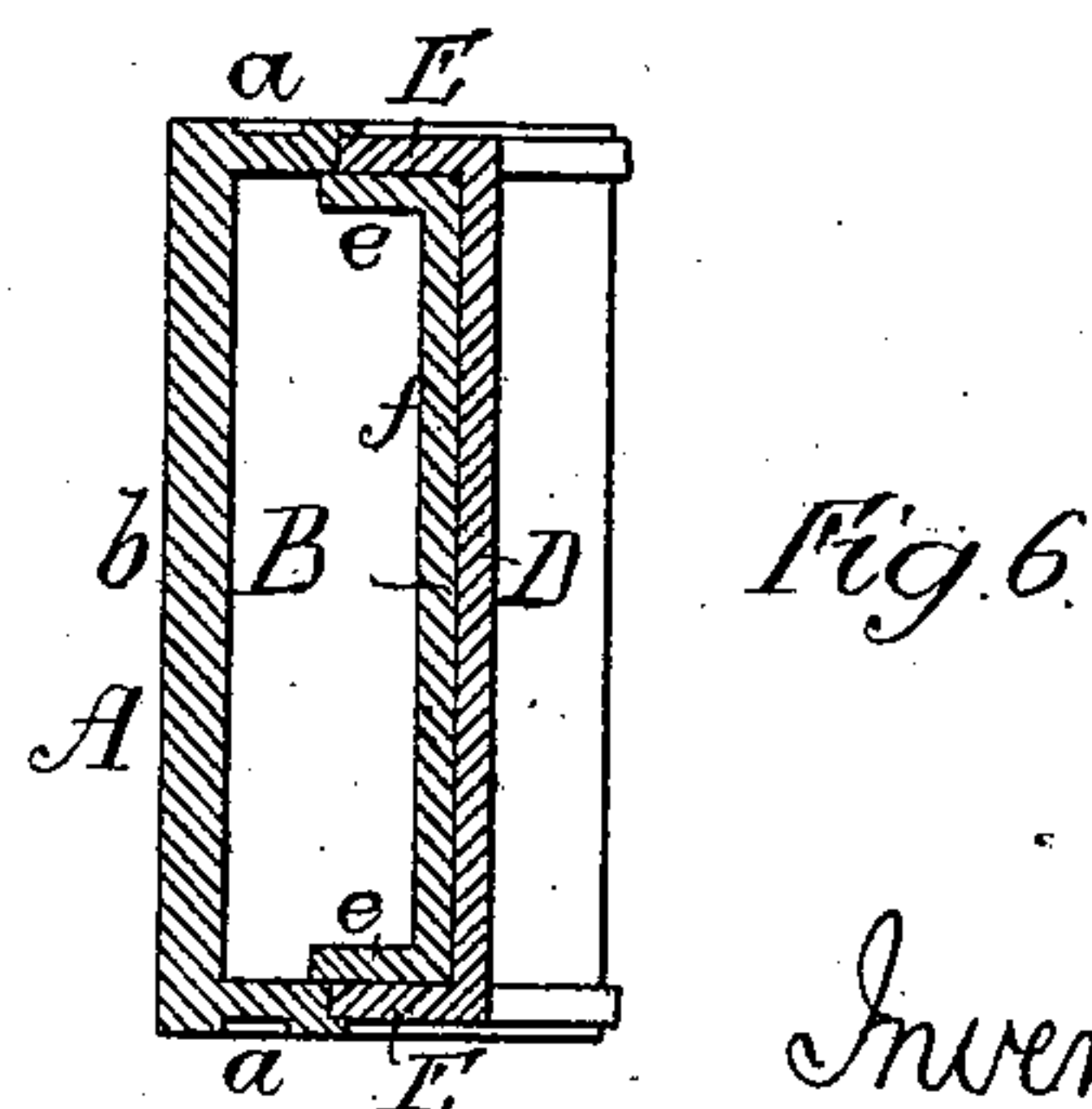
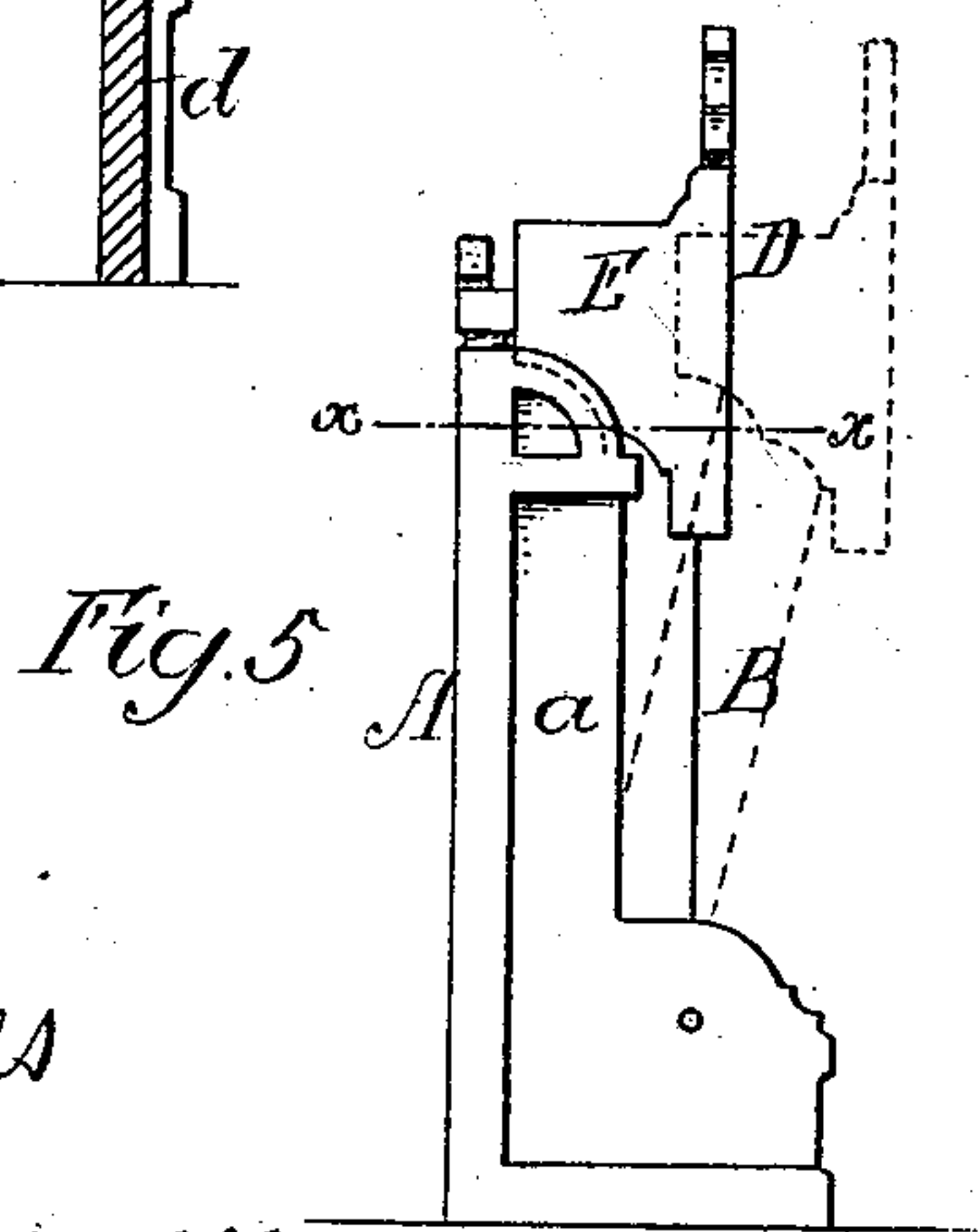
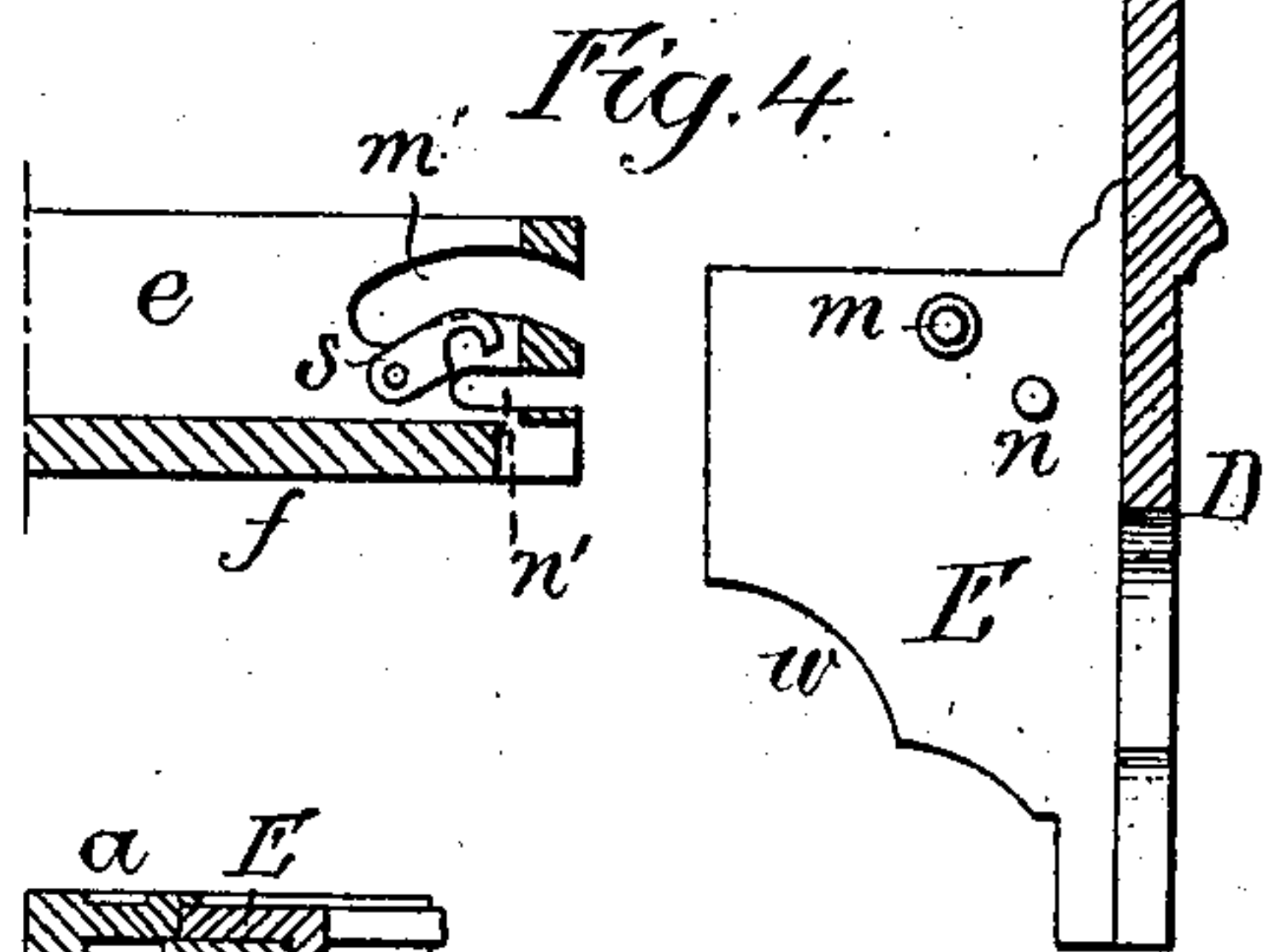
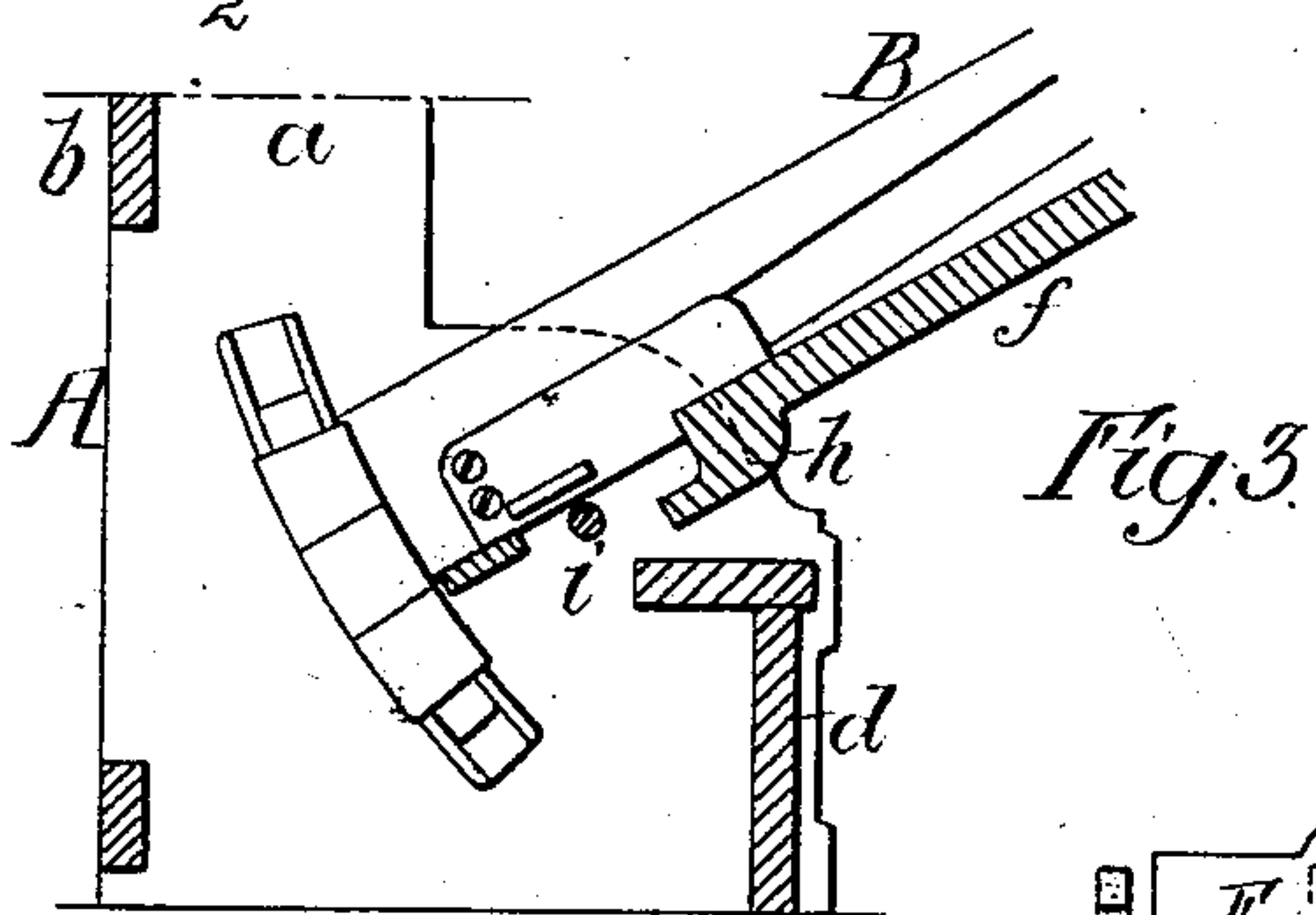
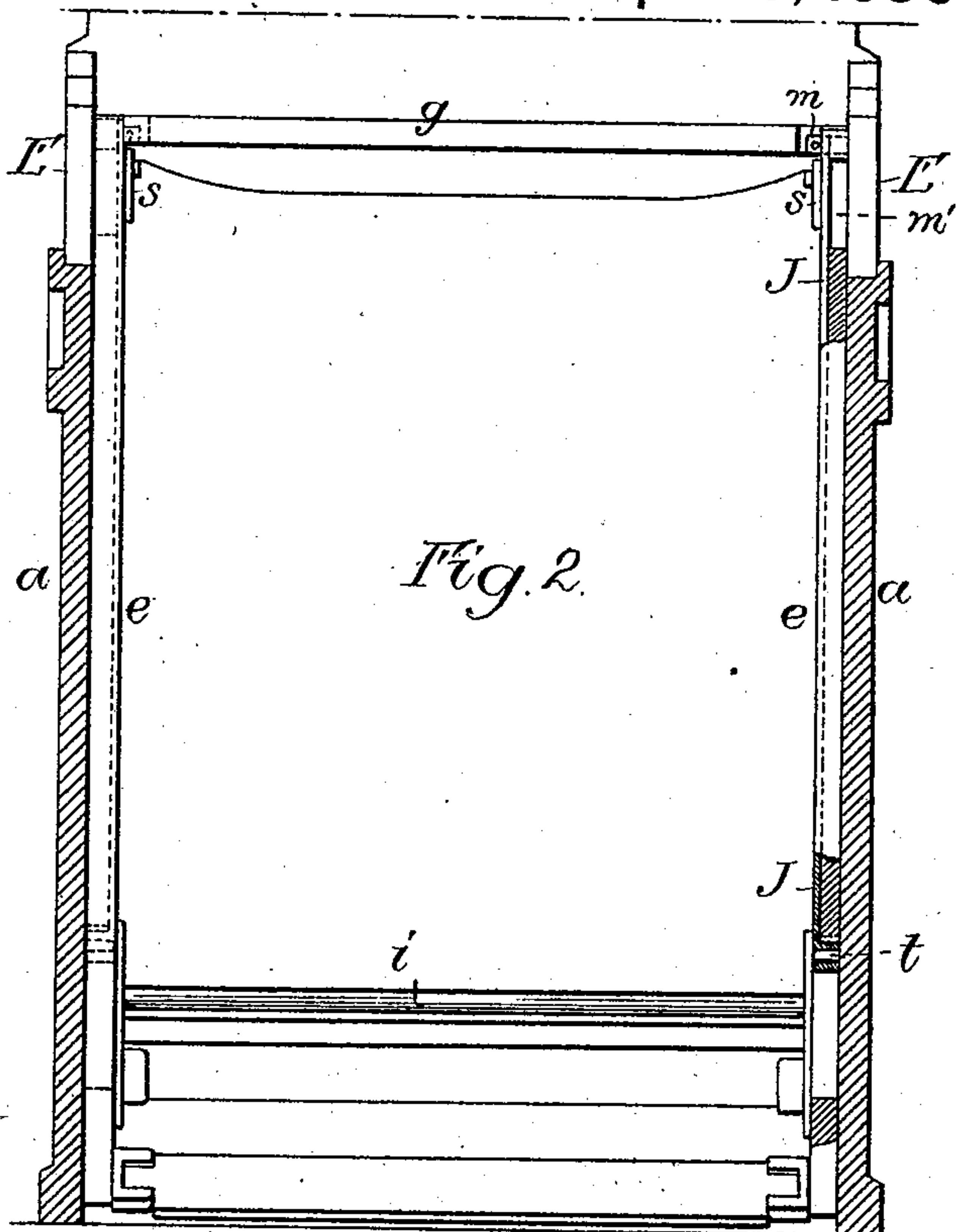
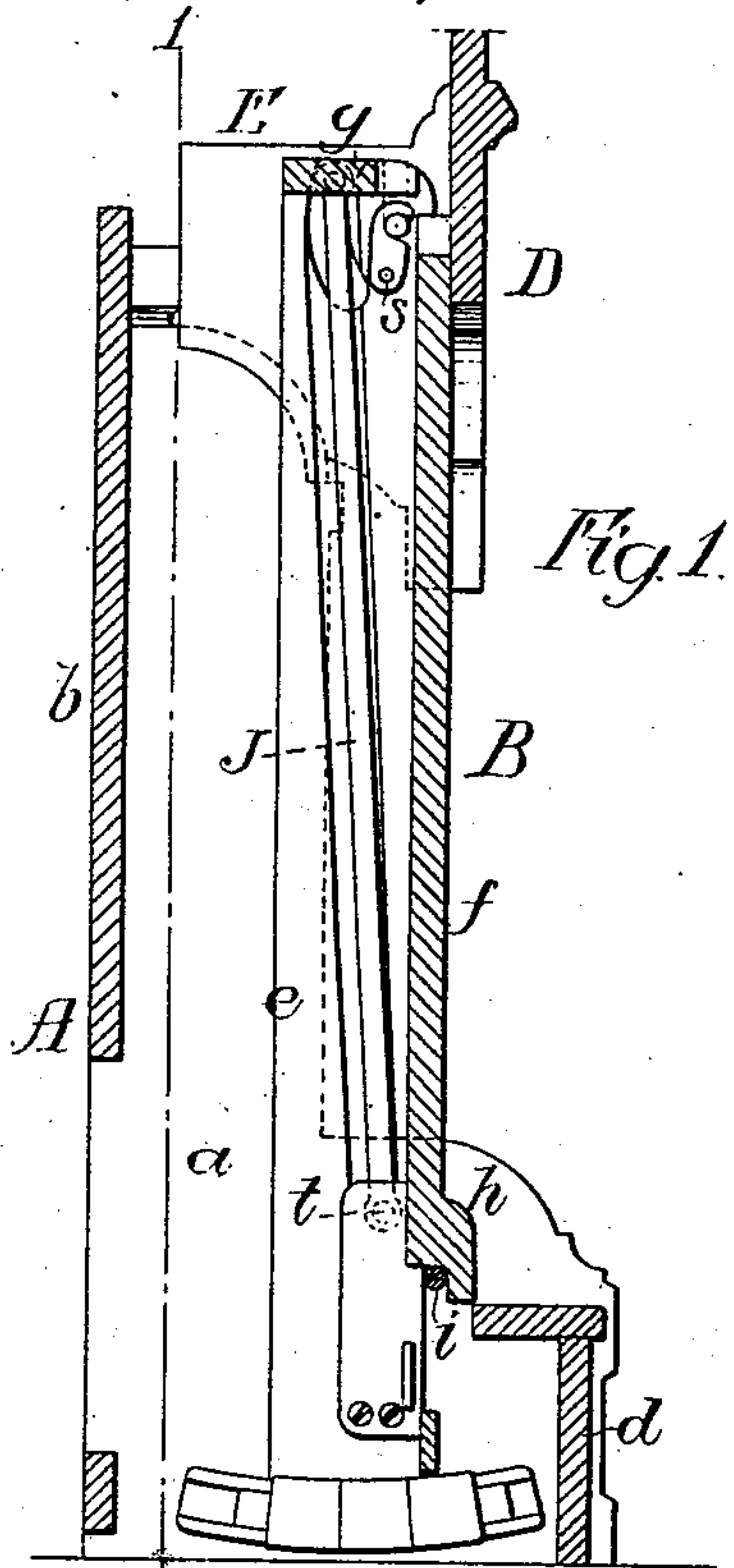


H. S. HALE.
Wardrobe-Bedstead.

No. 226,310.

Patented April 6, 1880.



Witnesses
J. M. Dummer
Harry Smith

Inventor
Henry S. Hale
by his Attorneys
Howson & Son

UNITED STATES PATENT OFFICE.

HENRY S. HALE, OF PHILADELPHIA, PENNSYLVANIA.

WARDROBE-BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 226,310, dated April 6, 1880.

Application filed September 10, 1879.

To all whom it may concern:

Be it known that I, HENRY S. HALE, of Philadelphia, Pennsylvania, have invented a new and useful Improvement in Folding Bedsteads, of which the following is a specification.

The main object of my invention is to provide for the ready application to or removal from each other of the different parts of the bed, and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawings, in which—

Figure 1 is a sectional view of the bed as it appears when folded up; Fig. 2, a transverse section on the line 1 2; Fig. 3, a view of part of Fig. 1, showing the method of detaching the movable from the fixed portion of the bed; Fig. 4, a view showing the method of detaching the foot-board, and Figs. 5 and 6 diagrams illustrating one of the features of my invention.

A is the fixed or upright portion of the bed, comprising the side rails *a a*, the back *b*, and front *d*, and B is the movable portion of the bed, comprising the side rails *e*, bottom *f*, and end rail, *g*.

The pivot-rod *i* extends from one of the side rails *a* to the other, and is adapted to a socket, *h*, formed on the bottom *f* of the movable portion of the bed.

D is the foot-board, having opposite side pieces, E, from each of which project inwardly two pins, *m* and *n*, the former being adapted to segmental slots *m'* and the latter to straight slots *n'*, formed in the side rails *e* of the bed, both sets of slots being open at the outer ends.

The pins *n* are retained in position at the inner ends of the slots *n'* by means of hooked catches *s*, hung to the side rails *e*, the pins, when in position, serving as pivots on which the foot-board swings.

In each of the side rails *e* is a recess, to which is adapted a bar, J, one end of the latter being connected to the pin *m* on the adjacent side piece of the foot-board, and the other end to a fixed pin, *t*, on one of the side rails *a* the effect of this rod being to insure the maintenance of the foot-board D in a vertical position at all times.

When the bar J is in place the socket *h* is confined closely to the rod *i*, and the portion B of the bed cannot be detached from the portion A; but if the ends of the bars J are de-

tached from the pins *t* the portion B of the bed may be moved longitudinally until the rod *i* is clear of the socket *h*, when said portion B is free to be detached from the portion A by an upward movement. (See Fig. 3.)

The foot-board can be detached by simply raising the hooked catches *s* so as to free the pins *n*, thereby leaving the foot-board free to be moved longitudinally, as in Fig. 4. This may be done without detaching the bars J from the pins *m*, although it is more convenient to detach the bars prior to the removal of the foot-board.

It will be observed that the upper ends of the side rails *a* of the fixed portion of the bed are curved, and that the side pieces, E, of the foot-board have segmental recesses *w*, adapted to said curved portions, the edges of the said recessed portions of the side pieces, E, abutting against the edges of the curved portions of the side rails *a* when the bed is folded up, as shown in Figs 5 and 6. By this means I am enabled to dispense with brackets on the side rails, the side pieces, E, fitting closely to the side rails *e* of the bed, and the latter fitting closely to the side rails *a*, thereby doing away with the objectionable spaces which must always exist when the side pieces, E, lap over the side rails *a* or fit between the latter and the side rails *e*.

The construction shown also imparts a neater and more attractive finish to the bed, and considerably lightens and reduces the cost of the side pieces, E, and side rails *e*.

Instead of hooked catches *s*, spring-plates having openings to which the pins *n* are adapted may be substituted therefor, the plates being sprung out so as to release the pins when it is desired to remove the foot-board.

I claim as my invention—

1. The combination of the side rails *e* of the bed, having open-ended slots *n'* and catches *s*, with the foot-board having pins *n*, as specified.

2. The combination of the side rails *e*, having slots *m'* and *n'* and catches *s*, the foot-board D, having pins *m* and *n*, and the bars J, as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY S. HALE.

Witnesses:

CHAS. F. TIETZE,
HARRY SMITH.