

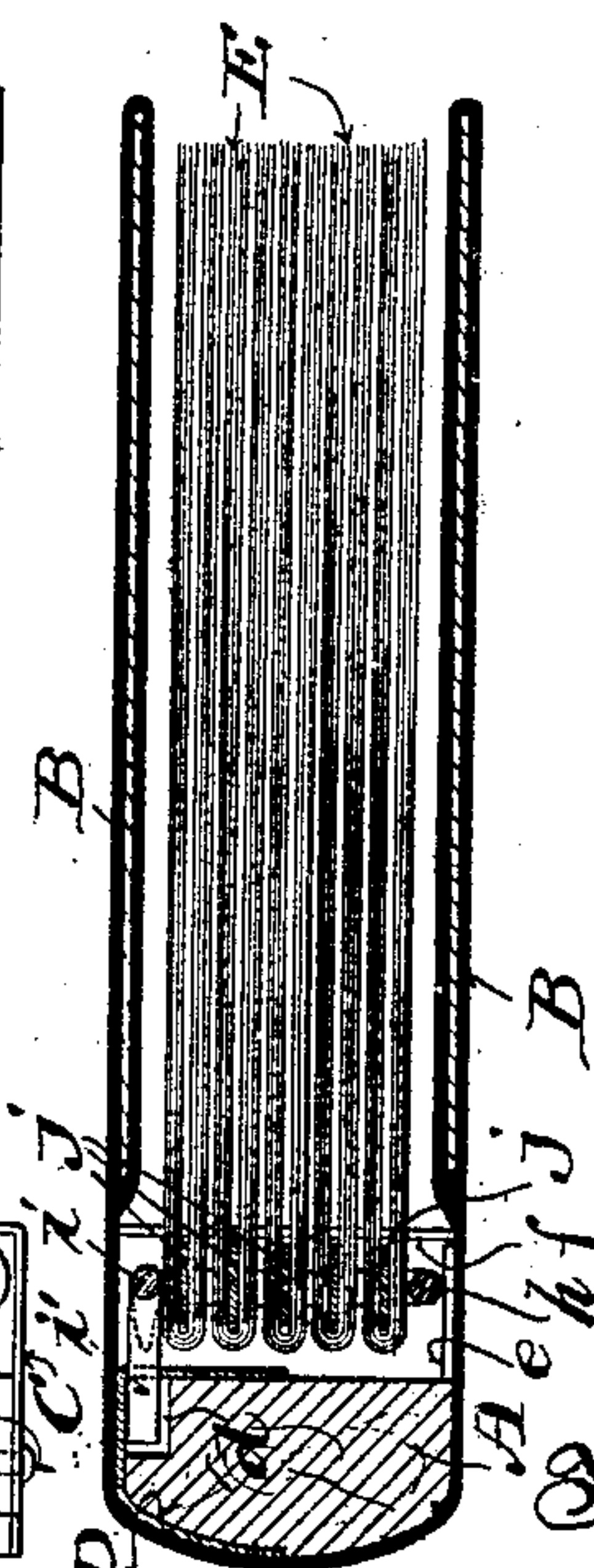
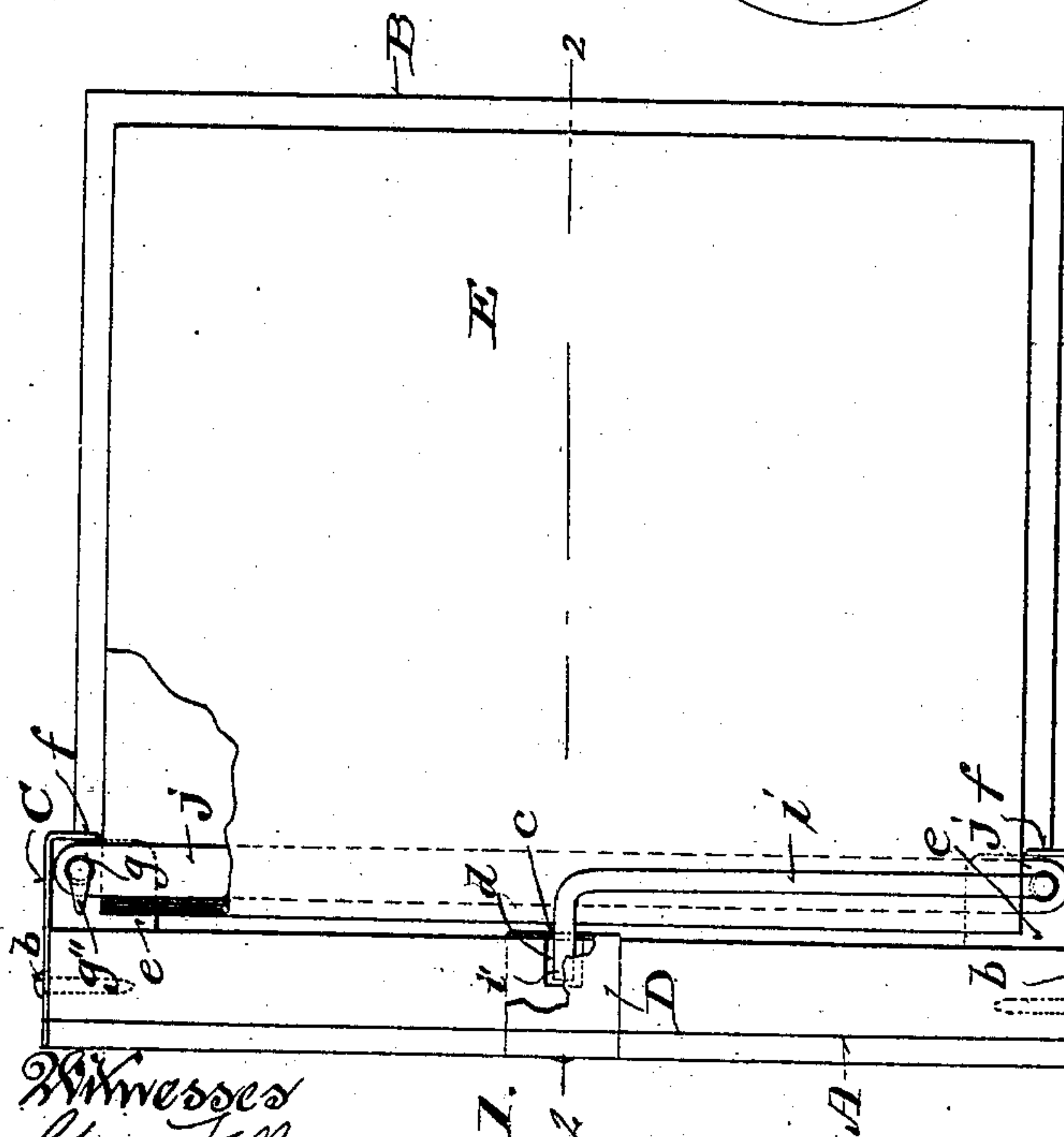
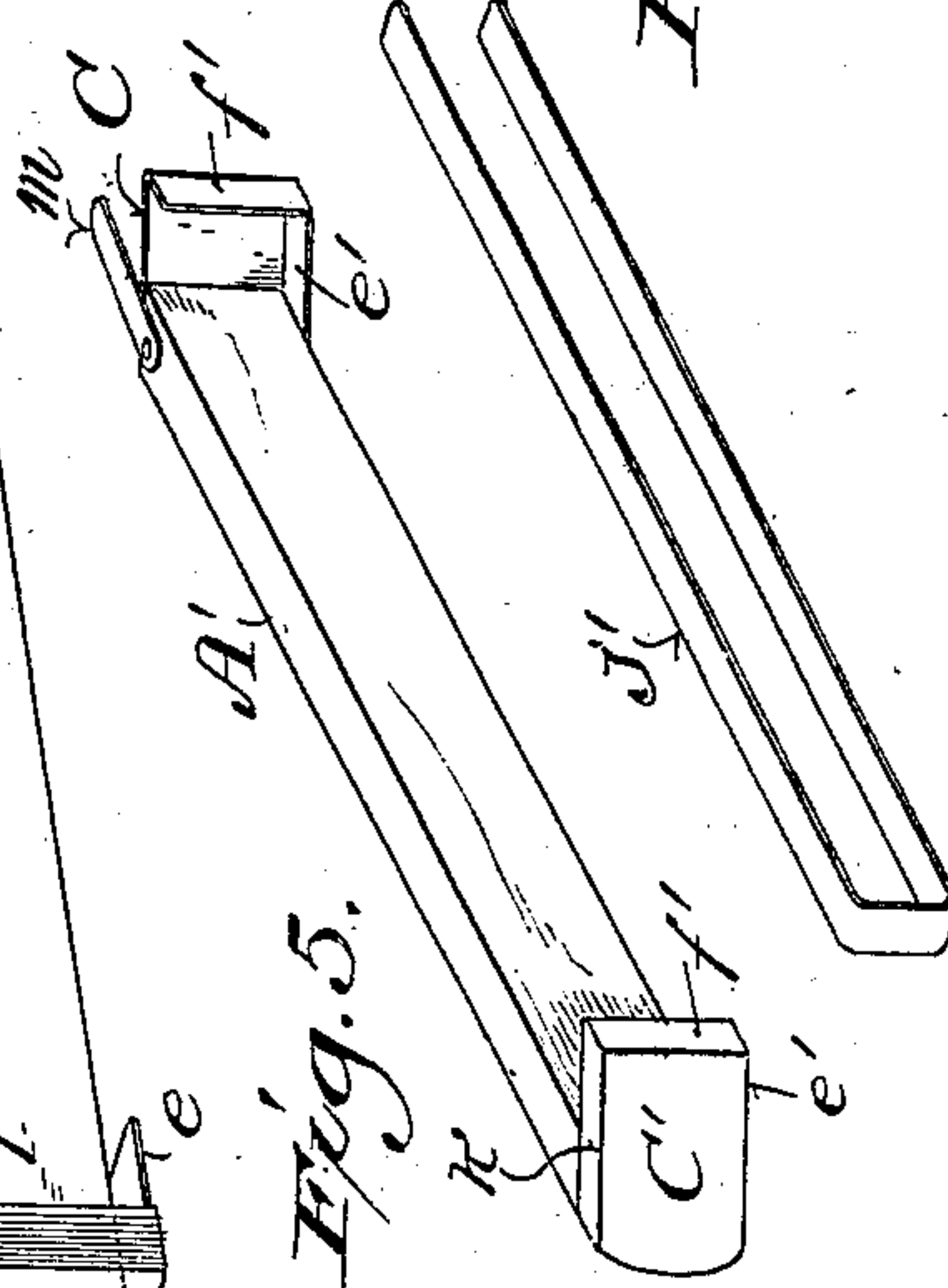
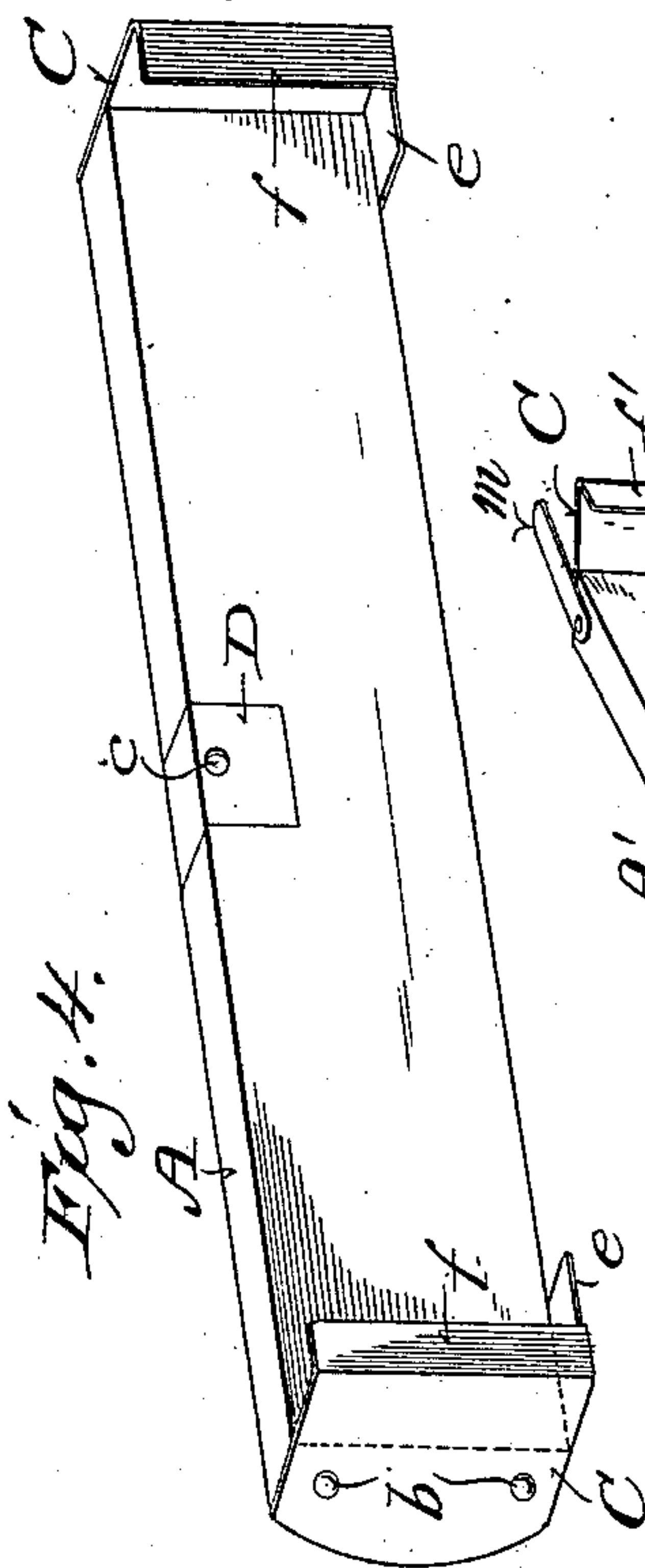
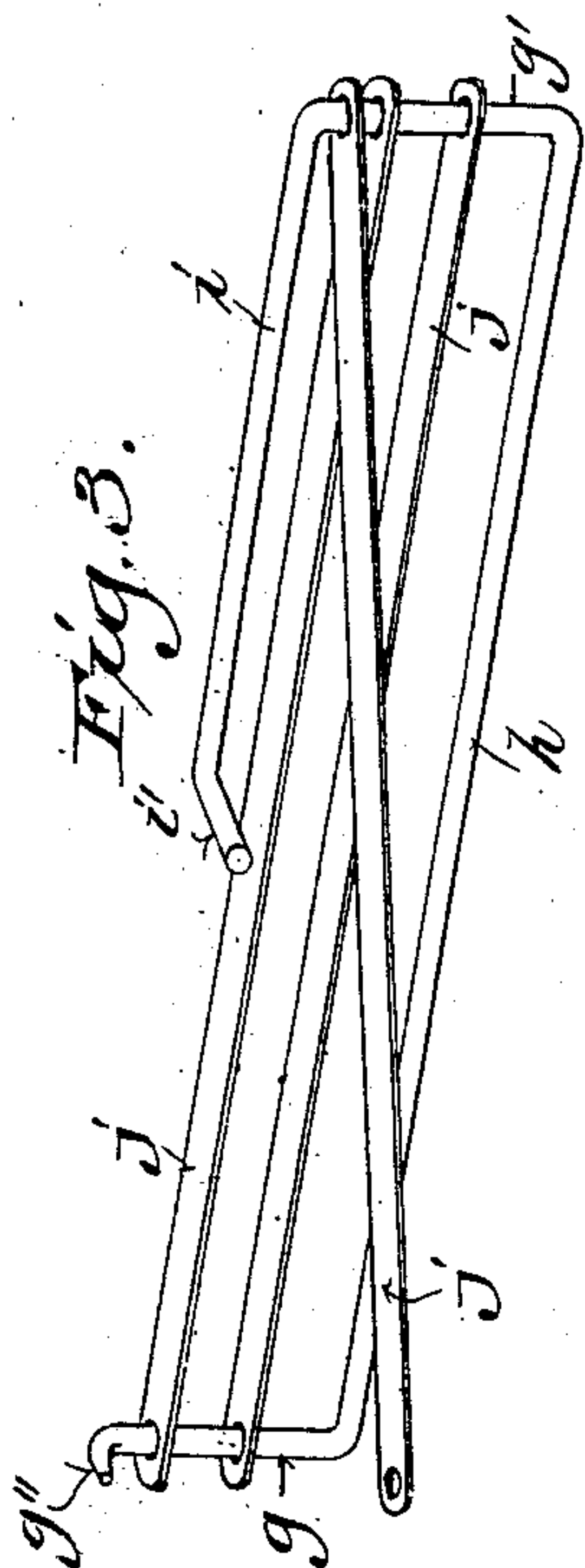
A. M. SONNICHSEN.

PUBLICATION BINDER.

APPLICATION FILED JULY 20, 1908.

917,674.

Patented Apr. 6, 1909.



Witnesses
George Felber
Frank W. Rogers

Fig. 1.

Inventor
Andrew M. Sonnichsen.

By *Clifton Young*
Attorneys.

UNITED STATES PATENT OFFICE

ANDREW M. SONNICHSEN, OF MILWAUKEE, WISCONSIN, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO EGMONT B. ARNOLD, OF MILWAUKEE, WISCONSIN.

PUBLICATION-BINDER.

No. 917,674.

Specification of Letters Patent.

Patented April 6, 1909.

Application filed July 20, 1908. Serial No. 444,509.

To all whom it may concern:

Be it known that I, ANDREW M. SONNICHSEN, a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Publication-Binders; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in certain peculiarities of construction and combination of parts hereinafter particularly set forth with reference to the accompanying drawings and pointed out in claims herewith; its object being to provide simple, economical, strong, durable, and efficient binders especially designed for filing periodical publications, said binders being easy of manipulation.

Figure 1 of the drawings represents a plan view of one of my improved binders having a cover of same removed and parts broken away, a publication being illustrated in said binder; Fig. 2, a transverse section view of the binder with publications filed therein, the view being indicated by line 2—2 in Fig. 1; Fig. 3, a perspective view of the detachable publication holder of the binder; Fig. 4, a similar view of the binder-back; Fig. 5, a perspective view of another form of back, and Fig. 6, a like view of another form of publication holder designed for engagement with the binder-back illustrated by Fig. 5.

Referring by letter to the drawings, A indicates the back-block of my improved binder, this block being preferably convex at the rear but otherwise angular, and covers B have flexible-joint connection with said block. Fastened by tacks *b* or other suitable means to the ends of the block A to project therefrom are angular pocket-clips C, and straddling said block flush therewith, in a mortise of same, is a suitably bent plate D provided with an aperture *c* that registers with a recess *d* in the aforesaid block. Set in against flanges *e* of the clips C is a detachable publication holder flanked by other flanges *f* of said clips at right-angles to the flanges aforesaid. For a plurality of publications, the holder comprises a spring-wire bent to form parallel end stretches *g*, *g'*, at right-angles to an intervening stretch *h*, and a latch-stretch *i*, this latch-stretch being an extension of the end stretch *g'* and having its hook-end *i'* engageable with the plate-

aperture and block-recess aforesaid. Said holder also comprises flat strips *j* each insertible in a publication longitudinally thereof to have its ends project beyond the same. The strips are provided with eyes at their ends and these eyes are for the engagement of the stretches *g*, *g'*, of the wire aforesaid. The latch-stretch of the wire prevents accidental disengagement of the strips *j* from the stretch *g'* of the wire, and the tapered free end *g''* of the stretch *g* of said wire is bent over for the same purpose. The strips *j* one after another in ascending order are detached from the stretch *g* of the wire, inserted in a publication E and returned to normal position, the holder being locked in its engagement with the end-clips of the back-block of the binder by means of the latch stretch of the wire member of said holder caught in the above described plate-aperture and block-recess. The plate D takes latch-wear that would otherwise come upon the back-block of the binder, but it is not absolutely essential to the success of my invention.

In Fig. 5, one of the end-clips C' of the back-block A' is shown provided with a flange *k* in addition to its flanges *e'* *f'*, and a latch *m* is provided in pivotal connection with said block to be swung over the other end-clip when the publication holder is in place. The preferred form of publication holder for engagement with the clips C' is shown in Fig. 6, as a recurved strip *j'*, its longitudinal stretches being for insertion in a publication, and the clip-flange *k* and latch *m* of the binder-back prevent accidental disengagement of said publication-holder from said back. This latter form of my invention is especially designed for single publications.

I claim:

1. A binder comprising a back having lateral end projections each provided with flanges at right-angles thereto and to themselves, a publication-holder in detachable engagement with said projections of the back, and means for preventing accidental displacement of the holder.

2. A binder comprising a back having angular pockets projecting laterally from its ends, a publication holder in detachable engagement with the pockets, and a latch for locking said holder in said pockets.

3. A binder comprising a back having

laterally projecting end pockets and a recess, and a publication-holder provided with a latch engageable with the back recess, whereby said holder is held in detachable engagement with said back.

4. A binder comprising a publication-holder one member of which is a spring-wire bent to form parallel end stretches at right-angles to an intervening stretch, one of these end stretches being bent over at its free end and the other provided with a latch-extension; other holder-members having end eyes engageable with the parallel end stretches of the member aforesaid, and a back provided with laterally projecting end pockets for the engagement of the holder as well as with a recess for the engagement of the latch-portion of said holder.

5. A binder comprising a publication-holder one member of which is a spring-wire

bent to form parallel end-stretches at right-angles to an intervening stretch, one of these end stretches being bent over at its free end and the other provided with a latch-extension, other holder-members having end eyes engaged with the parallel end stretches of the member aforesaid, a back-block provided with a keeper recess for the holder-latch, and flanged clips in connection with the ends of said block to form laterally extending pockets with which said holder has detachable engagement.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee, in the county of Milwaukee and State of Wisconsin in the presence of two witnesses.

ANDREW M. SONNICHSEN.

Witnesses:

H. E. OLIPHANT,
GEORGE FELBER.