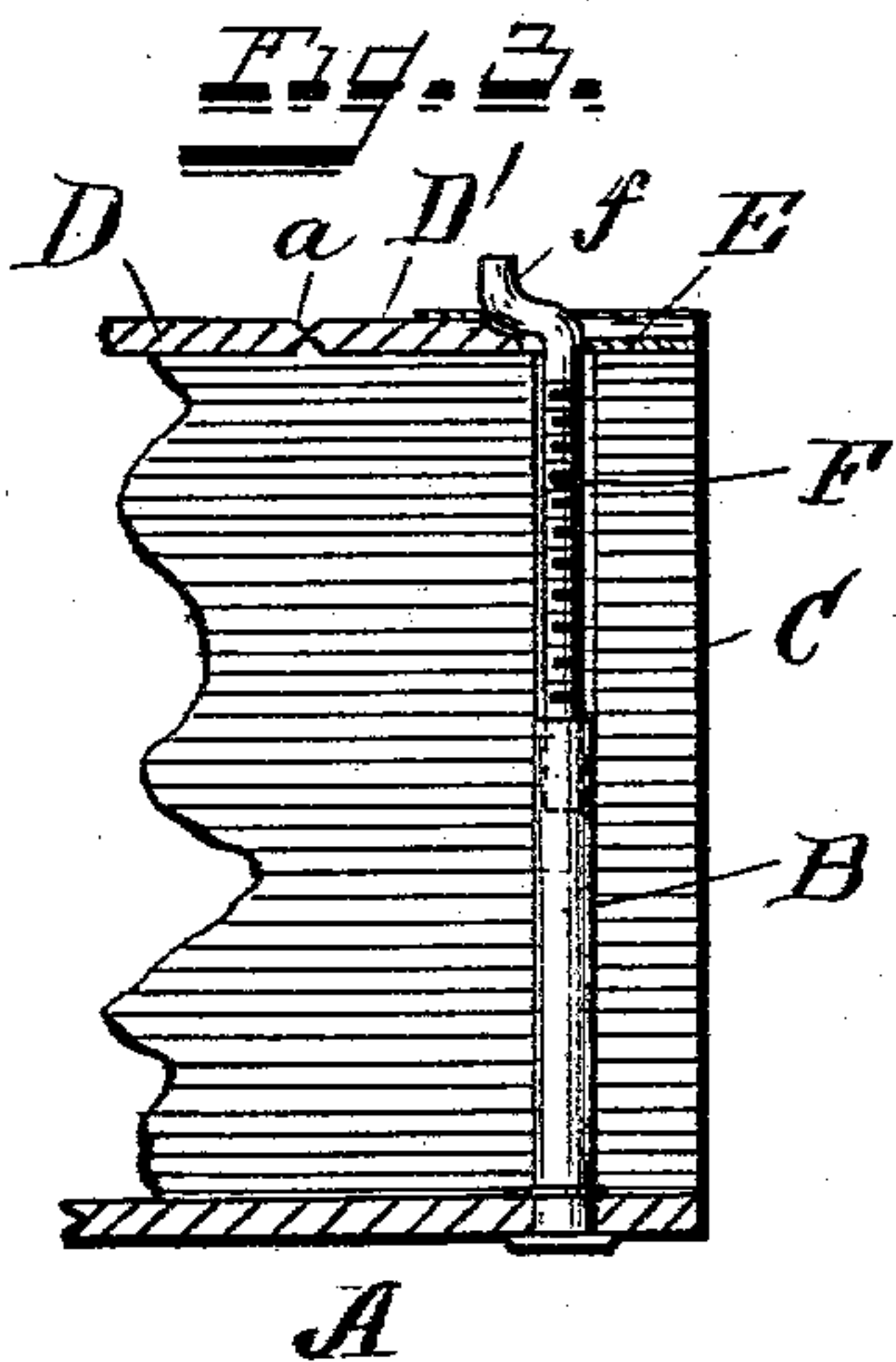
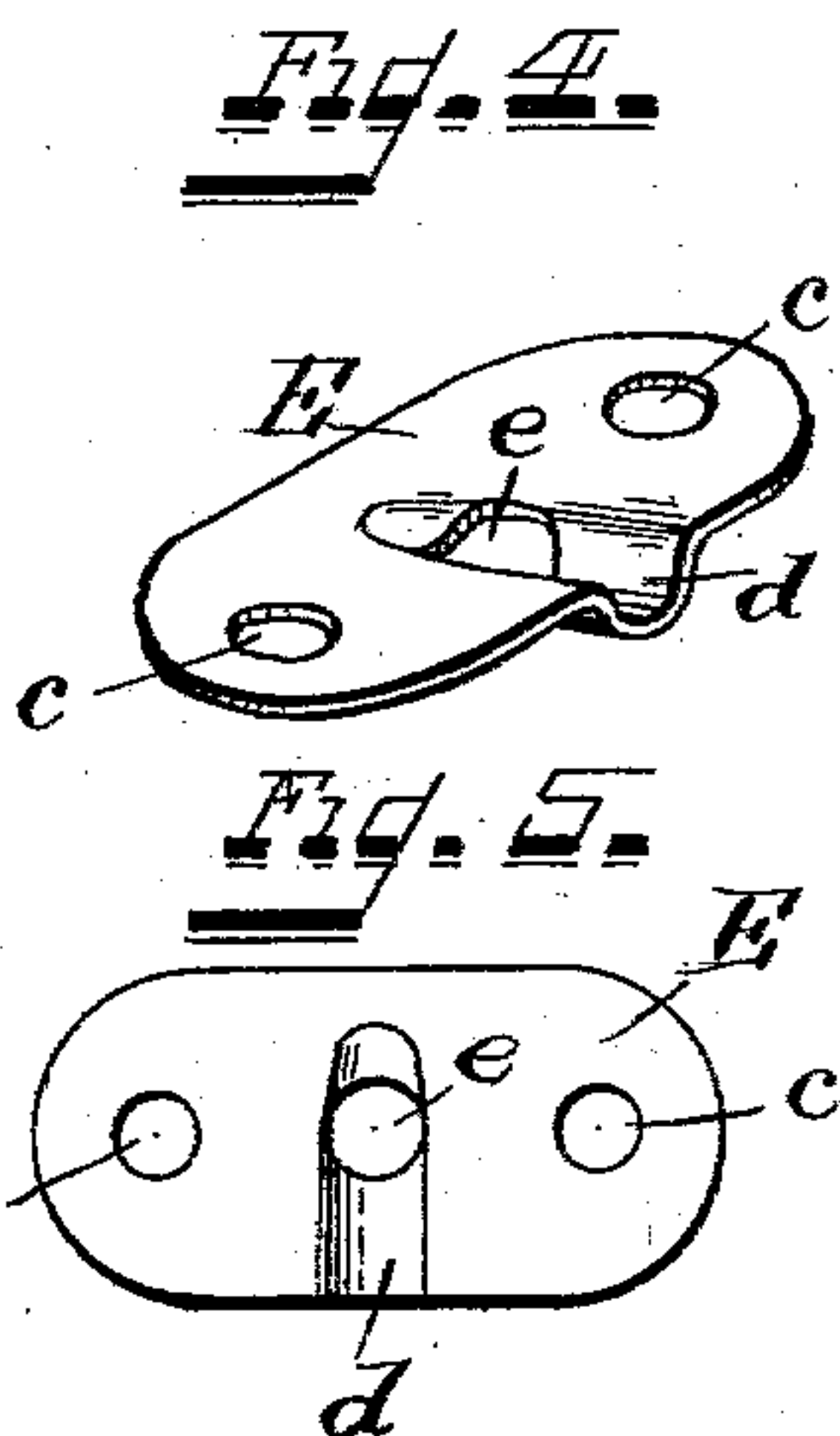
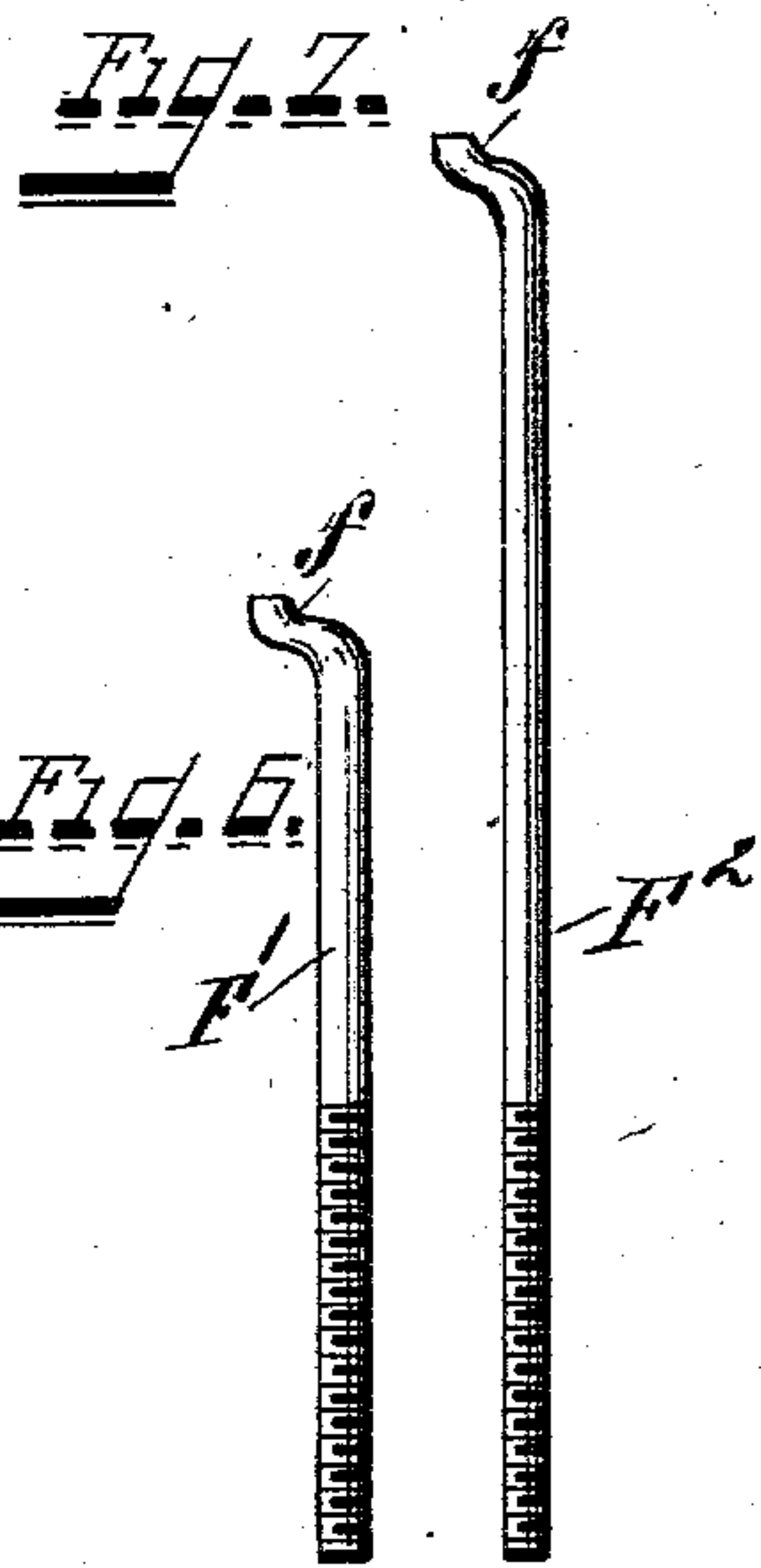
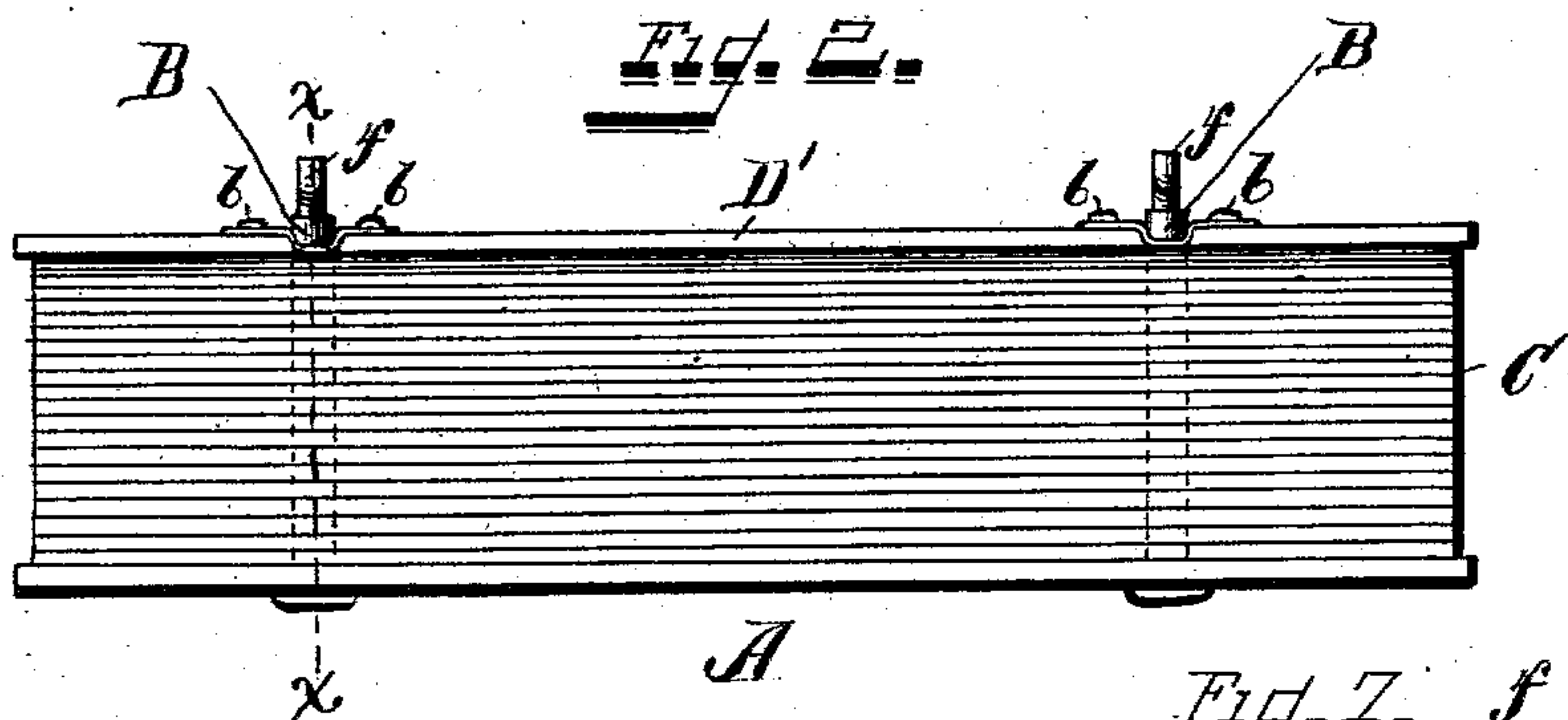
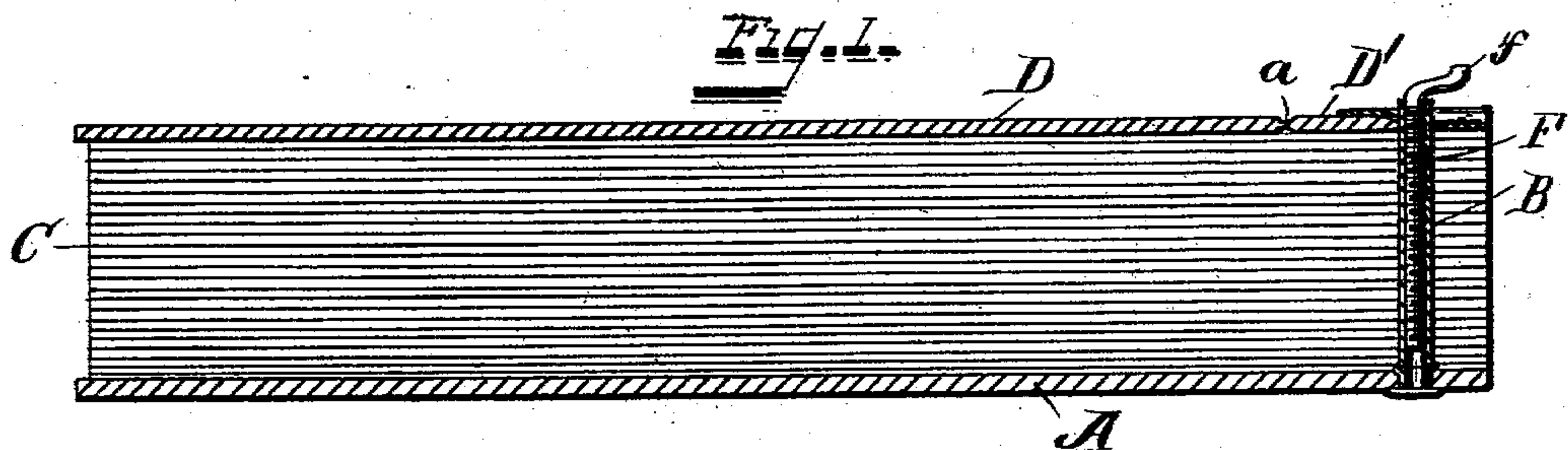


No. 730,318.

PATENTED JUNE 9, 1903.

F. W. TOBEY.
EXTENSIBLE POST BINDER.
APPLICATION FILED OCT. 14, 1901.

NO MODEL.



Witnesses.
Wm. J. Peck.
Geo. E. Thompson

Inventor.
Fred W. Tobey
by *Chas. M. Peck*
his Attorney.

UNITED STATES PATENT OFFICE.

FRED W. TOBEY, OF CINCINNATI, OHIO, ASSIGNOR TO THE GLOBE-WERNICKE COMPANY, OF CINCINNATI, OHIO, A CORPORATION OF OHIO.

EXTENSIBLE-POST BINDER.

SPECIFICATION forming part of Letters Patent No. 730,318, dated June 9, 1903.

Application filed October 14, 1901. Serial No. 78,565. (No model.)

To all whom it may concern:

Be it known that I, FRED W. TOBEY, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Expansible-Post Binders, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to that class of binding-files composed of a base forming one cover of the file, from which two posts extend up at right angles from the base near one end thereof to receive the perforated papers which are filed thereon and a top piece forming the other cover of the file and provided with perforations to enable it to be slipped over the posts and to become locked thereto to hold the papers securely between the two covers, while at the same time the top cover can be removed whenever it is desired to add new papers or to take out old papers, and said top cover also has a flexible joint near the posts to permit it to be opened and closed like the back of a book to inspect the contents of the file at any time. Heretofore these post-binders have usually had long posts extending considerably above the top cover, even when the binder was partially or nearly filled, thus rendering the binder unsightly and objectionable as a piece of office furniture, for the double reason that articles would come in contact with the posts to disturb the position of the binder, and again for the reason that another binder or other article could not be placed upon it after the manner of piling up books.

The object of my present invention is to provide posts for this class of binders which shall be telescopic and expansible to enable the posts to project as little as possible from the top of the binder-cover and at the same time to enable the inner or male members of the posts to be interchangeable from time to time when drawn out to their farthest limit by substituting longer members therefor.

It also has for its object the improved construction of the binder by which its simplicity, cheapness, and efficiency of action are secured.

The novelty of my invention will be hereinafter more fully set forth, and specifically pointed out in the claim.

In the accompanying drawings, Figure 1 is a sectional side elevation of a binder embodying my invention on the dotted line *xx* of Fig. 2 looking to the right. Fig. 2 is an end elevation of the binder looking to the left of Fig. 1. Fig. 3 is a broken sectional elevation corresponding to Fig. 1 and showing the upper post extended. Fig. 4 is an enlarged perspective view of one of the post guide and locking plates. Fig. 5 is a top plan view of the same. Figs. 6 and 7 are detail elevations of two of the extension-posts.

The same letters of reference are used to indicate identical parts in all the figures.

A represents the rectangular base of the binder, having secured to it at one end and projecting therefrom at right angles two tubular posts B, which are interiorly threaded. These posts B are comparatively short and receive upon them the perforated sheets which are to be filed.

D is the top cover, preferably provided with a hinge-joint *a*, Figs. 1 and 3, and with an extension D', with perforations registering with the posts B, so that the cover can be slipped over the posts B.

Covering each of the perforations in the extension D' of the cover D is a metal plate E, Figs. 4 and 5, suitably secured to said extension, in this instance by rivets *b*, Fig. 2, through perforations *c* and having a depression or gutter *d*, through which extends a perforation *e* for the passage of the post. The gutters in the plates E are at right angles to the top edge or upper ends of the filed papers and extension D', and the edges of the perforations *e* are on different levels, those at the upper or outer side being lower than those of the inner or lower side, as clearly indicated in Figs. 1 and 3. By this construction when the extension D' is slipped over the posts B and its upper or outer edge is pressed down the plates E are tilted, so that the edges of the perforations are caused to bite or bind upon the opposite sides of the posts to form a lock therewith, and thereby hold the extension D' and cover D tight upon the posts in a manner well known in files of this class.

When the posts B are filled or nearly filled with filed papers C, as in Figs. 1 and 2, extensible screw-posts F, having their upper ends bent into gooseneck or crank form *f*, are screwed into the posts B, as shown in said figures, with the bent portions *f* standing toward the upper edges of the cover and papers, so that the perforations *e* in the plates E can readily pass over said bent portions in removing or replacing the top cover, as will be readily understood. By gradually screwing up the posts F the filing-space is increased and additional papers can be filed directly upon the posts F, as seen in Fig. 3, thus greatly increasing the filing capacity of the binder, and when thus screwed up the bent portions *f* are turned inward after the top cover has been applied, as seen in Fig. 3, to form a lock with the plates E to hold the top cover in place, as will be readily understood. By having a number of screw-posts of different and increasing lengths, as F' F², Figs. 6 and 7, the capacity of the binder is still further increased, each longer

screw-post taking the place of the next shorter one when filled, as will be readily understood. By this construction after the short posts B are filled and the screw-posts applied there is nothing projecting above the top cover of the binder excepting the bent portions *f* of the screw-posts, and these afford little, if any, obstruction and are not at all in the way.

Having thus fully described my invention, I claim—

The herein-described binding-file consisting of the base A, the interiorly-threaded posts B secured thereto, the screw-posts F fitting into and engaging the posts B and provided at their upper ends with bends *f*, the top cover D and the perforated plates E secured to said top cover and adapted to fit over and be locked by the screw-posts F, substantially as described.

FRED W. TOBEY.

Witnesses:

J. M. SMEDES,
EDWARD PECK.