

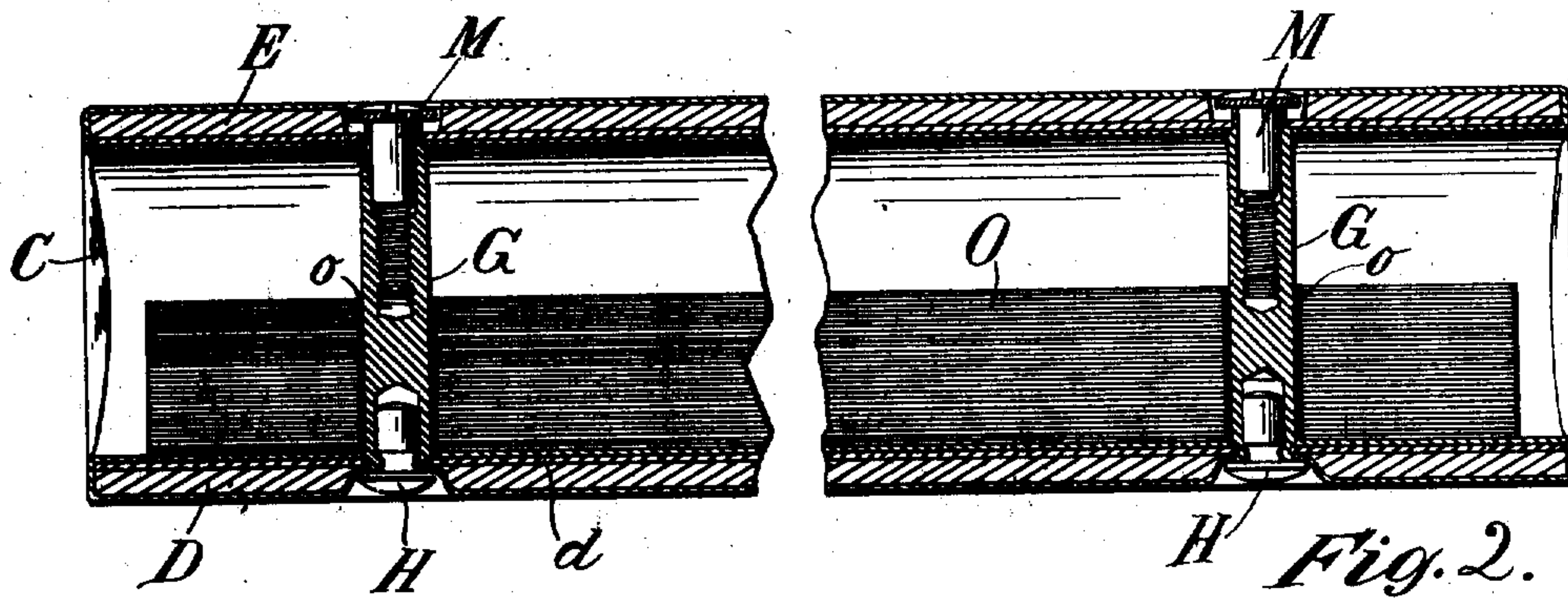
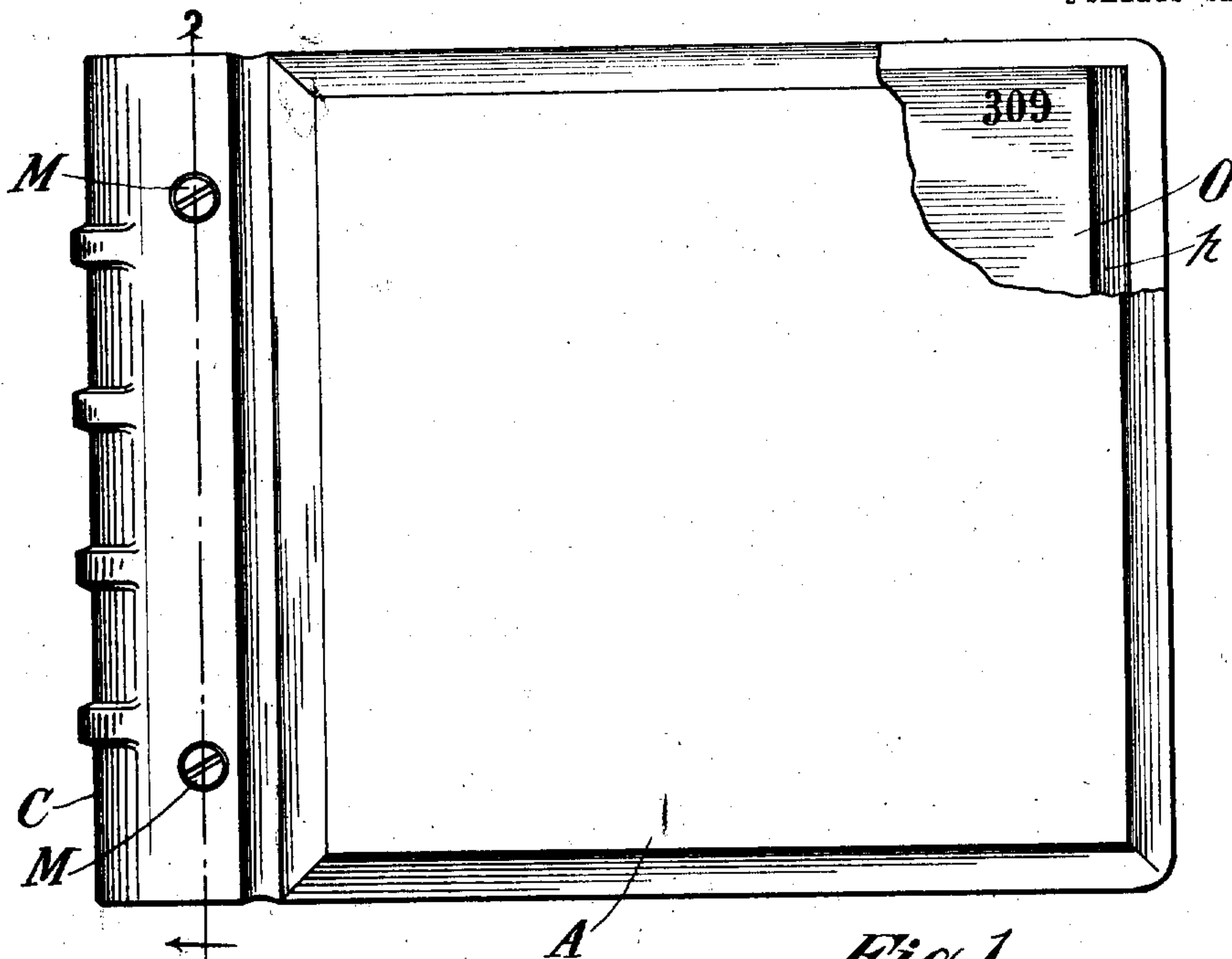
No. 896,976.

PATENTED AUG. 25, 1908.

J. C. DAWSON.
BOOK.

APPLICATION FILED FEB. 10, 1908.

2 SHEETS—SHEET 1.



Witnesses:
W. H. Cotton

Charles B. Gillson.

Inventor.
James C. Dawson

By Louise Gieson & Co.

No. 896,976.

PATENTED AUG. 25, 1908.

J. C. DAWSON.
BOOK.

APPLICATION FILED FEB. 10, 1908.

2 SHEETS—SHEET 2.

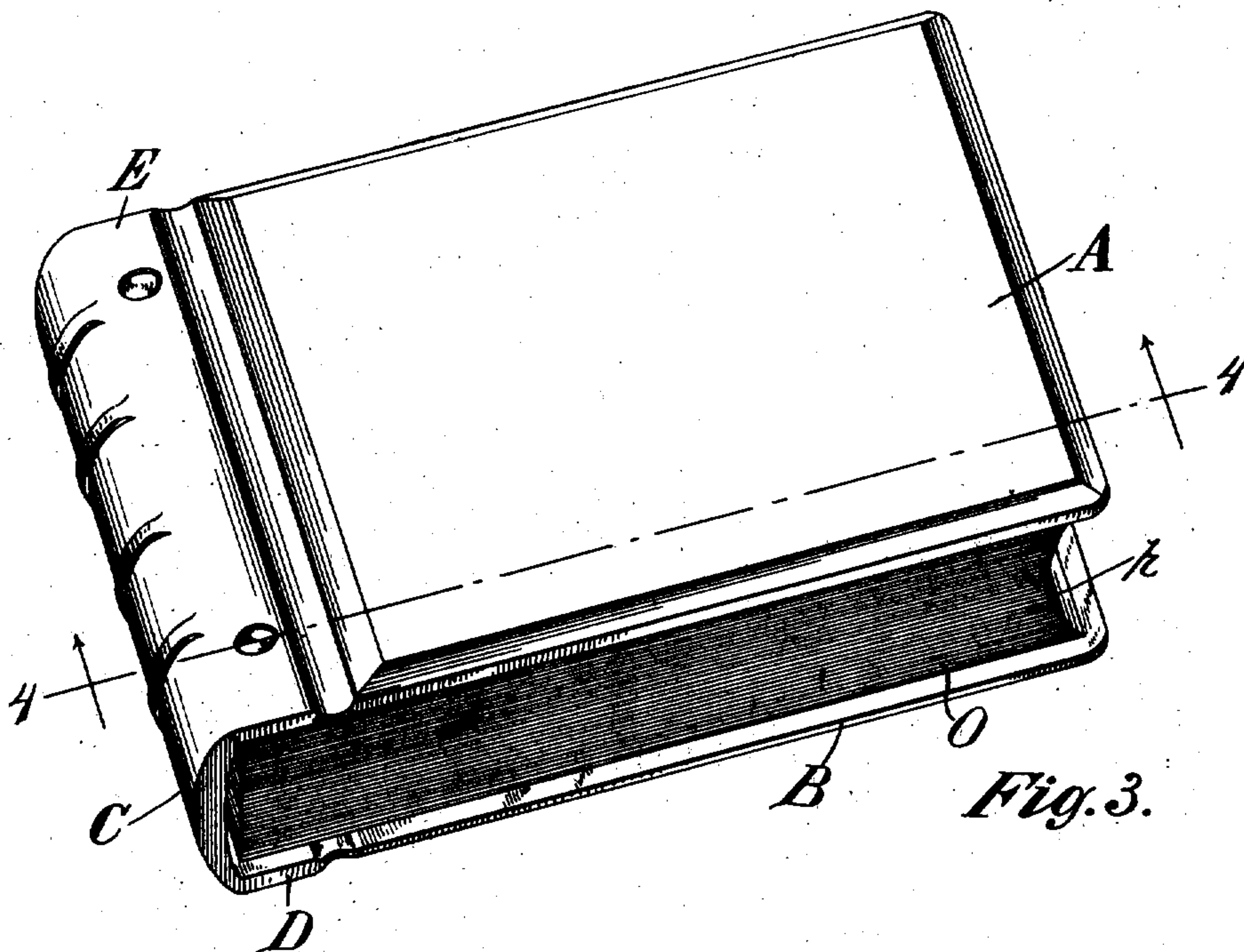


Fig. 3.

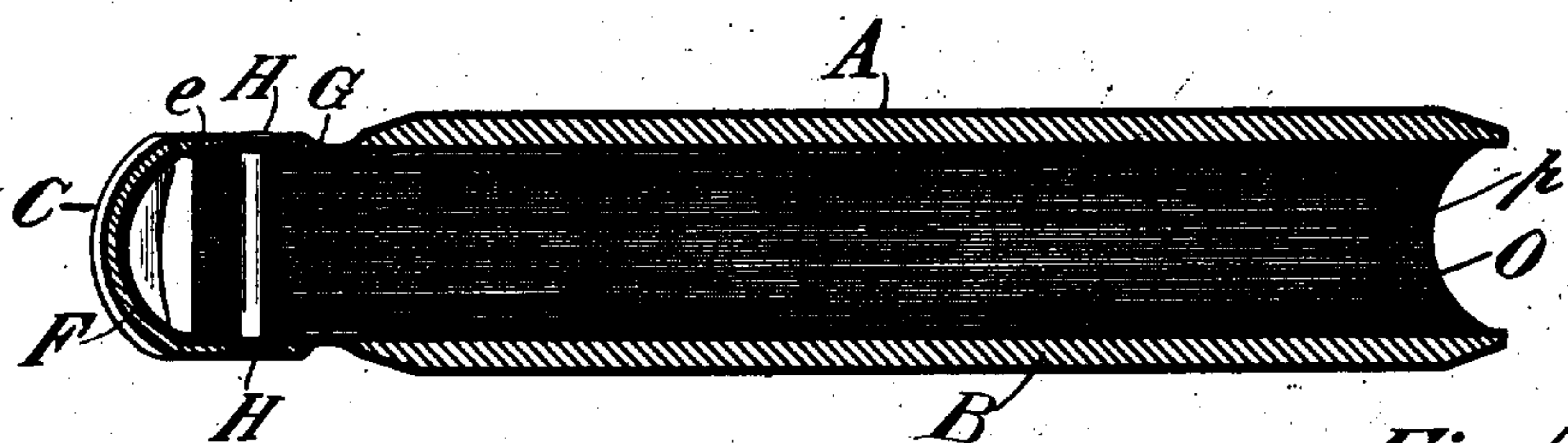


Fig. 4.

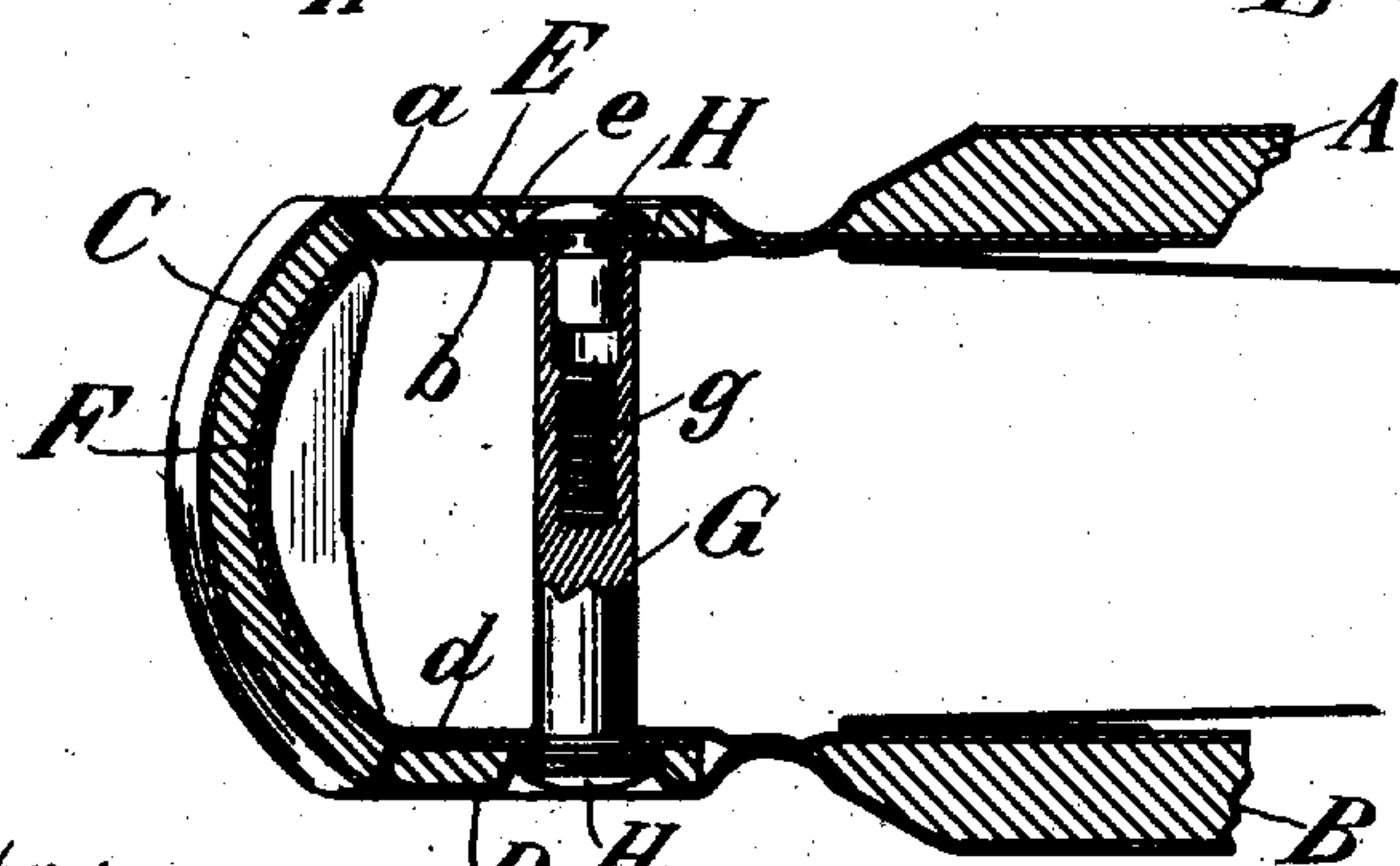


Fig. 5.



Fig. 6.

Witnesses:
W. H. Cotton
Charles B. Gilman.

Inventor
James C. Dawson
By Louis K. Gilman

UNITED STATES PATENT OFFICE.

JAMES C. DAWSON, OF ST. LOUIS, MISSOURI, ASSIGNOR TO SIEBER & TRUSSELL MFG. CO.,
A CORPORATION OF MISSOURI.

BOOK.

No. 896,976.

Specification of Letters Patent.

Patented Aug. 25, 1908.

Application filed February 10, 1908. Serial No. 415,262.

To all whom it may concern:

Be it known that I, JAMES C. DAWSON, a citizen of the United States, a resident of the city of St. Louis, State of Missouri, have
5 invented certain new and useful Improvements in Books, of which the following is a specification, and which are illustrated in the accompanying drawings, forming a part thereof.

10 The invention relates to what is commonly known as the loose leaf type of book, wherein the leaves are independently and removably secured within a binder, the object of the invention being, however, to provide means
15 for permanently securing a binder after the sheets or leaves have all been inserted, thereby securing the convenience of the loose leafed binder while the book is in preparation, and the guaranty of authenticity inherent
20 in a permanently bound book, means being provided for rendering fraudulent substitution of leaves practically impossible of performance, or if accomplished practically certain of detection. These objects are at-
25 tained by the construction hereinafter described and which is illustrated in the accompanying drawings, in which:—

Figure 1 is a plan view of the book in its temporary form, one corner of the cover
30 being broken away to show the leaves; Fig. 2 is a sectional view on line 2—2 of Fig. 1; Fig. 3 is a perspective of the book in its permanent form; Fig. 4 is a sectional view on line 4—4 of Fig. 3; Fig. 5 is a detail section on
35 the same line, drawn to a larger scale; Fig. 6 is a perspective of one of the studs used in connection with the binder.

The book cover comprises the side boards A B, preferably rigid, the bowed back C and
40 the side plates D E, one of these plates being hinged to the back. The back C is formed upon the curved metal plate F having a lateral extension d, which forms the base of the side plate D. The side plate E has a metal
45 base plate of the same form as the member d, but not being integral with plate F.

There is a cover a, of fabric overlying the book's side plates and sides of the book and the lining b for the same members, this cover
50 and lining constituting in the construction illustrated in the drawings, hinges between the back and the covers A, B.

Binding posts G G, as many as may be desired, two being shown, are fixed in the side
55 plate D, and engage the side plate E. These

posts are preferably fixed in side plate D in the following manner:—The end of the post is somewhat reduced in diameter to fit within and extend through an aperture in the metal plate d, and is socketed, and a stud H having
60 its shank somewhat contracted adjacent its head and a fillet at the junction of the shank and head, is forced into the socket with sufficient pressure to upset the end of the post, contracting it to fit snugly the reduced por-
65 tion of the shank and flanging its extreme end outwardly upon the outer face of the plate d. The free or outer ends of the posts are somewhat reduced in diameter and should-
70 ered to fit within and extend through suitable apertures in the plate e, the shoulders formed on the posts providing a bearing for the plate. This end of the post is provided with a counter bored socket, the inner por-
75 tion of which is threaded. A screw bolt M fits within the socket and secures the plate E to the post.

The leaves or sheets, O, are perforated as shown at o to receive the posts G, G, and while the book is in process of development
80 leaves are removed and replaced or added to it by first removing the screw bolts M and turning back the plate E. Books of this character are specially adapted for making a
85 permanent record. The leaves are removable for convenience in inscribing or imprinting the records thereon, but the records having been completed it becomes important that its permanency should be assured by an
90 inherent guaranty that leaves have not been removed and substitutes inserted. To this end the invention contemplates the permanent binding of the book upon completion of the record and this is accomplished by substituting for the screw bolts M studs H, the
95 same as used in attaching the posts to the plate d, and securing them in the same manner.

As a further safe guard against tampering with the book, the leaves are made in pairs,
100 the members of each pair being on opposite sides of the middle of the book. This is secured by collecting the leaves intended for a particular book into a bundle, resting their
105 outer edges upon a convex plate to shape them up to concave form, as shown at p, then securely clamping the bundle and trimming the inner edges of the leaves square as shown in the drawings, and then while the
110 bundle is still within the clamp, perforating

the leaves for reception of the binding posts. The sheets being paged assume their proper places as to size when arranged in numerical order.

- 5 A book thus constructed is practically a perfect guaranty against fraudulent manipulation as the binder cannot be opened without mutilating its parts, which will be apparent, and once opened cannot be rebound, and
10 it is practically impossible to substitute new leaves for those once permanently bound and to give them the exact size and finish.

I claim as my invention:—

1. In a book, in combination, a back hav-
15 ing side plates one thereof being hinged to the back, filing posts fixed in one of the sides and engaging the hinged side such posts having their outer ends socketed, the sockets being threaded at their inner ends, the walls of the
20 outer ends of the socket being reduced in thickness, screw bolts for engaging the threaded portions of the sockets and studs adapted to interlock with the outer ends of the posts.

2. In a book, in combination, a back hav- 25 ing side members, one of which is hinged to the back, filing posts fixed in one side member and engageable with the other side member, the outer ends of the posts being formed for engagement successively with temporary 30 and permanent means for securing them to the side member with which they engage.

3. In a book, in combination, a back hav- ing side members, one of which is hinged to the back, filing posts fixed in one side mem- 35 ber and engageable with the other side member and having their outer ends socketed, and studs for engaging the sockets, and having their shanks channeled.

4. In a book, in combination, a back, 40 straight filing posts carried by and transverse of the back, and leaves impaled upon the posts, the outer edges of the leaves collectively presenting a curved surface.

JAMES C. DAWSON.

Witnesses:

P. M. BACHLE,
W. S. OLIVER.