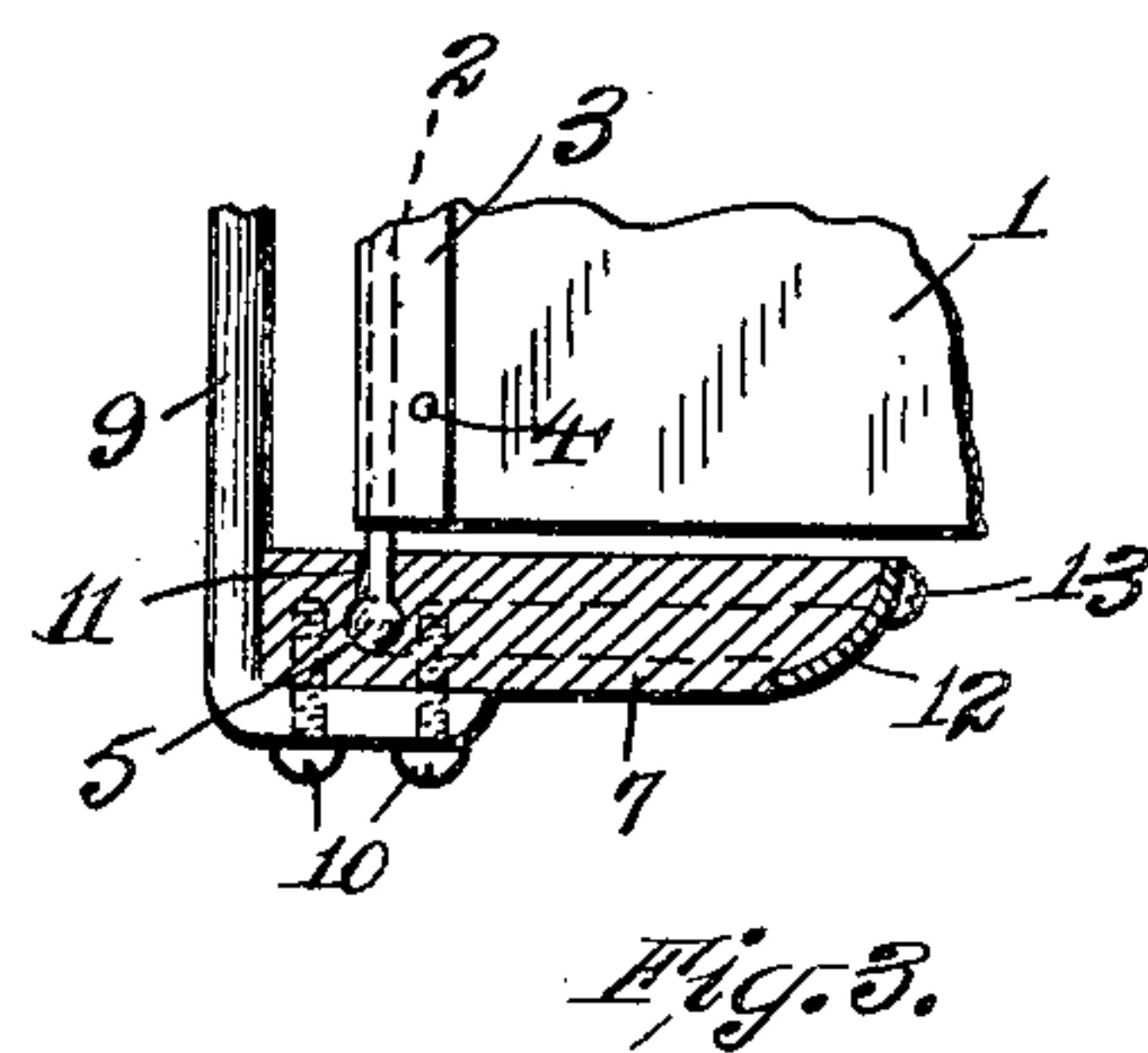
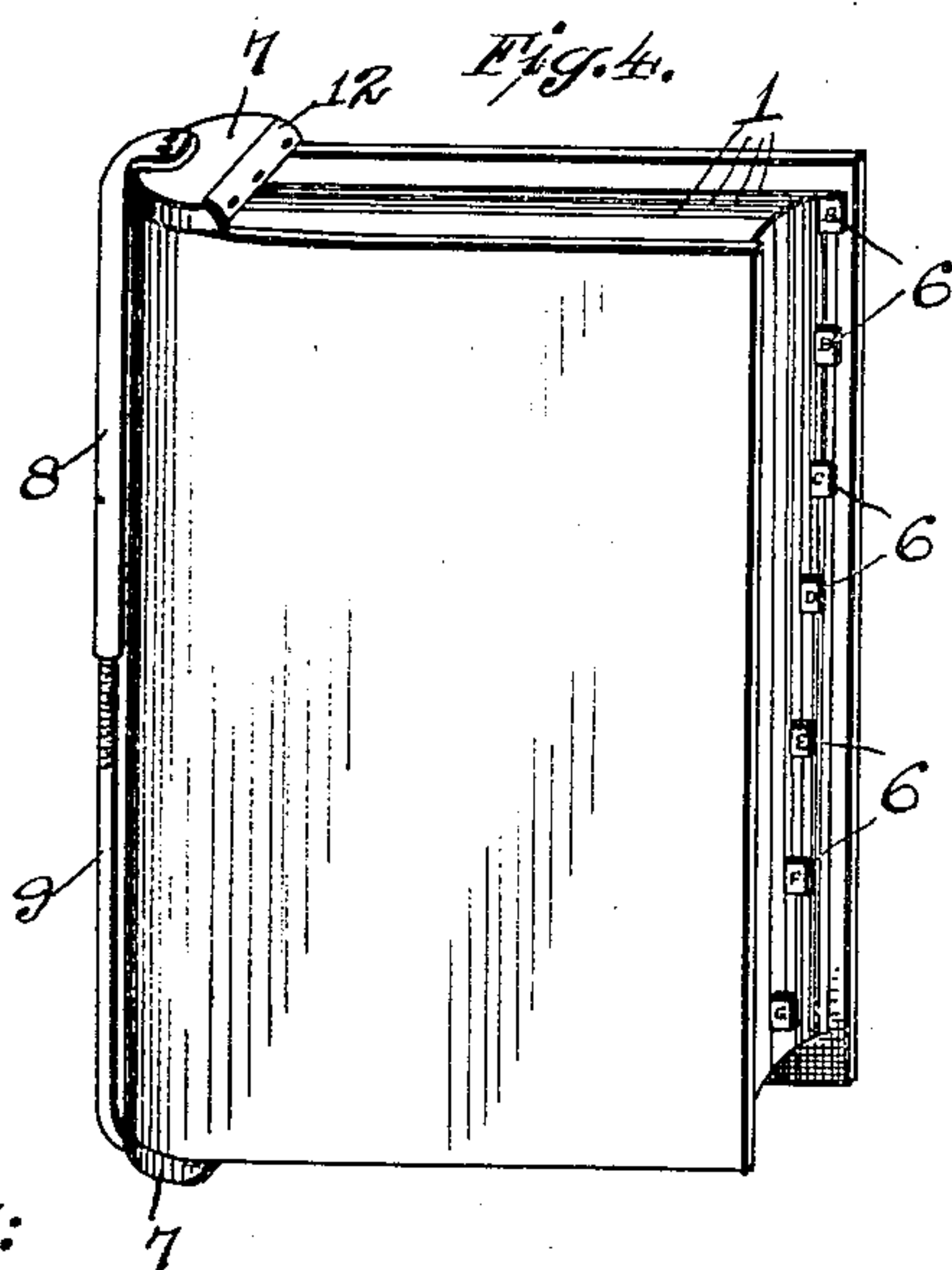
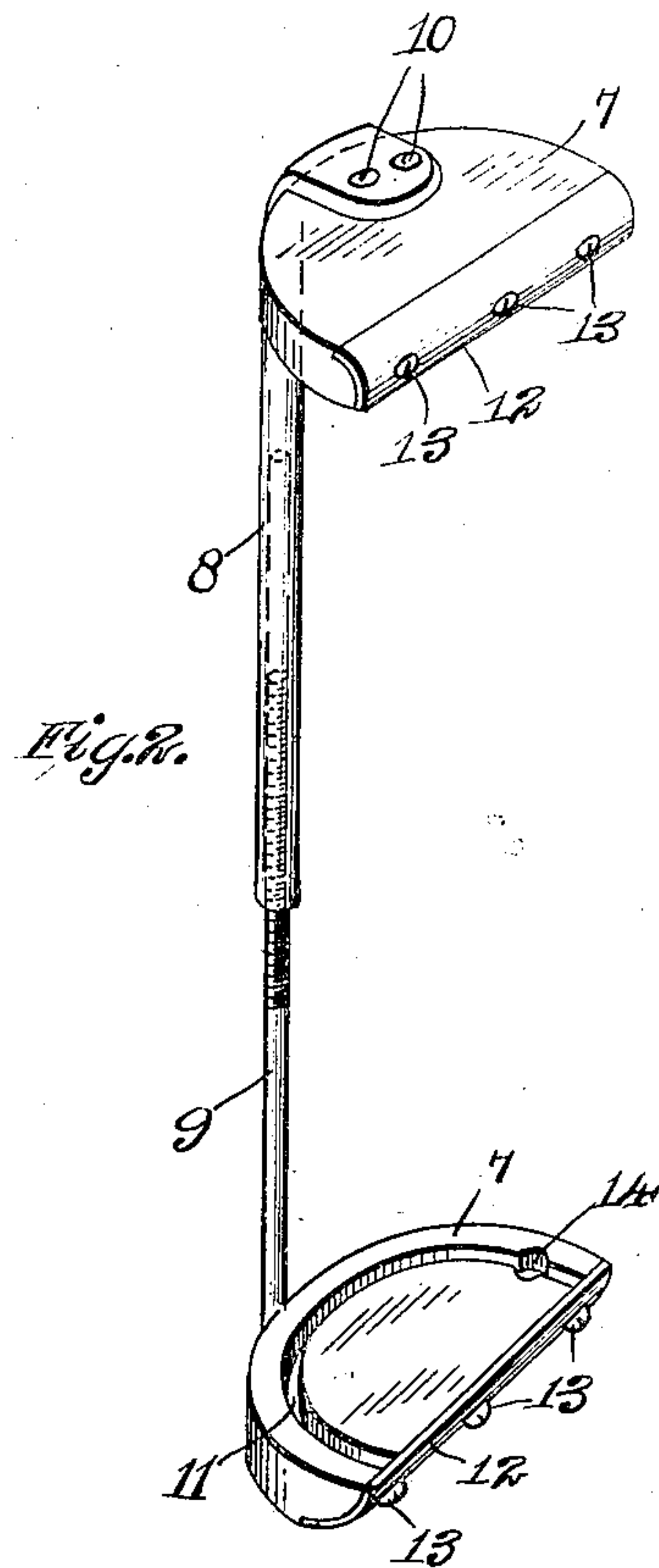
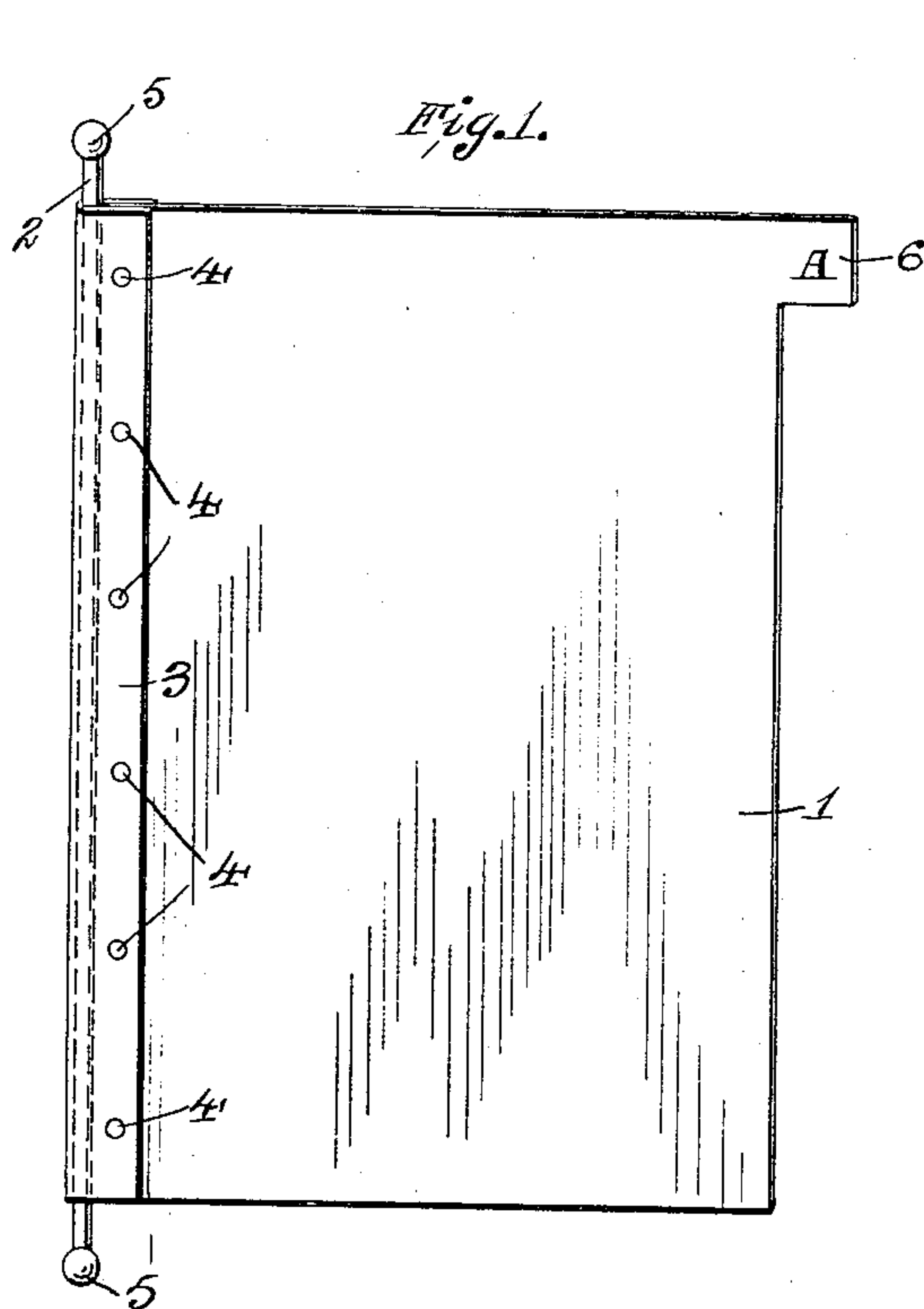


J. H. VIESER.
INDEX IN BOOKS.
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999,001.

Patented July 25, 1911.



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UNITED STATES PATENT OFFICE.

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INDEX IN BOOKS.

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To all whom it may concern:

Be it known that I, JOHN H. VIESER, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements for Indexes in Books, of which the following is a specification.

My invention relates to improvements in indexes for books, and has for its object the production of a device of this character, which will be in the nature of an attachment, that is, one which may be readily and easily attached to a book already in use.

A further object is the production of an index as mentioned which will be of durable and economical construction and efficient in use.

Other objects will appear hereinafter.

With these objects in view my invention consists in an index characterized as above mentioned and in certain details of constructions and arrangements of parts all as will be hereinafter more fully described and particularly pointed out in the appended claims.

My invention will be more readily understood by reference to the accompanying drawing forming a part of this specification, and in which—

Figure 1 is a perspective view of one of the index sheets included in the construction, detached, Fig. 2 is a perspective view of the frame for securing the index sheets together, Fig. 3 is an enlarged sectional detail of one end of said frame, and Fig. 4 is a perspective view of the book to which is applied an index embodying the invention.

The preferred form of my invention as illustrated in the drawing comprises a plurality of index sheets 1, each of the latter, as illustrated in Fig. 1 being preferably of rectangular form and formed of any suitable material, paper or cardboard being preferably employed. Arranged at the rearward edge of each of the sheets 1 is a preferably metallic bar 2, the latter being secured in position upon said sheet by means of a metallic binding 3 which is rigidly secured upon the rearward edge of said sheet through the medium of rivets 4. Said bar 2 and the binding 3 are of an exceedingly thin construction so as to adapt the sheet 1 for arrangement between the leaves of a book without unseemly bulging of the latter as will be readily understood. Formed at the respective extremities of each of the bars

2 are spherical enlargements 5. Formed at the forward edges of each of the sheets 1 is a projecting ear 6, the ears 6 when the index is arranged upon a book, projecting from the front edges of the leaves of the latter, as clearly shown in Fig. 4 to serve as means of designating particular divisions in the book, said ears when so serving being provided with characters indicative of the places they mark in the book.

The sheets 1 are held in proper position between the leaves of the book through the medium of a frame comprising two similar substantially semicircular plates 7 which are arranged at the upper and lower edges of the book adjacent the back thereof. Said plates 7 are detachably connected through the medium of an elongated bar or connecting member which is adapted to extend medially and longitudinally of the back of the book adjacent thereto, said connecting member comprising the tubular portion 8 and the bar portion 9 the outer extremities of the members 8 and 9 being flared and detachably connected with the plate 7 by screws 10. The adjacent ends of the members 8 and 9 are in threaded connection as clearly illustrated thus affording means whereby the distance between the plates 7 may be readily varied in order to adapt said frame for arrangement upon books of different heights.

Provided in the adjacent surfaces of the plate 7 are arcuate or semicircular grooves 11, the outer open ends of said grooves being closed by plates 12 which are secured to the forward edges of the members 7 by means of screws 13. The grooves 11 are of such cross sectional form as to adapt the same to snugly receive the outer ends of the bars 2 as clearly shown in Fig. 3, the inner portions of said grooves being enlarged to snugly receive the enlargements 5 at the extremities of said bars so that when the extremities of said bars are in engagement with said grooves, the same will be locked therein against longitudinal movement, said bars being however permitted to move freely transversely, that is longitudinally of said grooves. Provided adjacent one of the extremities of each of the grooves 11 is an enlargement 14 which serves as an entrance slot through which the enlargement 5 may be inserted into engagement with the groove 11.

With an index of the construction as set

forth when it is desired to arrange the same in a book, the plates 7 are first disconnected, this being done by removing the screws 10. The sheets 1 are then arranged between the plates 7 with the extremities 5 of the bars 2 thereof engaging the grooves 11 in the manner as above described. The sheets 1 are now slid into position between the leaves of the book at the particular locations desired, the plate 7 being drawn rearwardly upon the upper and lower edges of the book until the rearward or curved edges of said plates register with the curved back of the book. The connecting member is now adjusted by threading the members 8 and 9 together so as to adapt the outer extremities thereof for connection with the plate 7, such connection being effected by the replacement of the screws 10. Thus it will be seen that an index is provided which is adapted for arrangement in a book already bound, and in which the index leaves are free for adjustment as desired between the leaves of the book. The device is of simple construction hence may be manufactured at a low cost. The same may be readily and quickly applied to a book and when in operative position the same is adapted to efficiently serve in the capacity for which the same is designed.

While I have illustrated and described the preferred construction for carrying my invention into effect this is capable of variation and modification without departing from the spirit of the invention. I therefore, do not wish to be limited to the precise details of construction as set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. An index of the character described comprising a plurality of index sheets having projecting studs at opposite edges; means for loosely securing said sheets together, said means comprising two oppositely arranged plates having grooves therein adapted for engagement by said sheet studs; and means for securing said plates together, in spaced relation, substantially as described.

2. An index of the character described comprising a plurality of index sheets having projecting studs at opposite edges; means for loosely securing said sheets together, said means comprising two oppositely arranged plates having grooves in their adjacent surfaces adapted for engagement by the studs of said sheets; and means connected with and extending between said plates for securing the latter together, in spaced relation, substantially as described.

3. An index of the character described comprising a plurality of index sheets hav-

ing projecting studs at opposite edges; means for loosely securing said sheets together, said means comprising two parallel spaced plates having grooves in their adjacent surfaces adapted for loose engagement by the studs of said sheets, and means for detachably securing said plates together, in spaced relation, substantially as described.

4. An index of the character described comprising a plurality of index sheets having projecting studs at opposite edges; means for loosely securing said sheets together, said means comprising two parallel spaced plates having grooves in their adjacent surfaces for loose engagement by the studs of said sheets, the extremities of said studs being enlarged for locking engagement with said grooves, the latter in cross section being enlarged correspondingly at their inner ends; and means connected with and extending between said plates for securing the latter together, in spaced relation; substantially as described.

5. The combination with a book of an index therefor, said index comprising a plurality of index sheets adapted to be arranged between the leaves of said book; studs projecting from the upper and lower edges of said sheets at the inner edges of the latter; means for loosely securing said sheets together, said means comprising two parallel plates arranged at the upper and lower edges of said book adjacent the back thereof, the adjacent surfaces of said plates being provided with grooves for loose engagement by the outer ends of said sheet studs; and means for detachably securing said plates together, in spaced relation, substantially as described.

6. The combination with a book of an index therefor, said index comprising a plurality of index sheets adapted to be arranged between the leaves of said book; a bar arranged at the inner edge of each of said sheets, the ends of said bars projecting beyond the upper and lower edges of said sheets; means for loosely securing said sheets together, said means comprising two parallel plates arranged at the upper and lower edges of said book adjacent the back thereof, the adjacent surfaces of said plates being provided with grooves for loose engagement by the outer ends of said bars, the extremities of said bars being enlarged for locking engagement with said grooves, the latter in cross section being of a form corresponding with that of the ends of said bars; and means for detachably securing said bars together, in spaced relation, substantially as described.

7. The combination with a book of an index therefor, said index comprising a plurality of index sheets adapted to be arranged between the leaves of said book; a

bar arranged at the inner edge of each of said sheets, the ends of said bars projecting beyond the upper and lower edges of said sheets; means for loosely securing said sheets together, said means comprising two parallel plates arranged at the upper and lower edges of said book adjacent the back thereof, the adjacent surfaces of said plates being provided with grooves for loose engagement by the outer ends of said bars, the extremities of said bars being enlarged for locking engagement with said grooves, the latter in cross section being of a form corresponding with that of the ends of said bars; and longitudinally adjustable means connected with and extending between said plates for securing the latter together, in spaced relation, substantially as described.

8. The combination with a book of an index therefor, said index comprising a plurality of index sheets adapted to be arranged between the leaves of said book; a bar arranged at the inner edge of each of said sheets, the ends of said bars projecting beyond the upper and lower edges of said sheets; means for loosely securing said sheets together, said means comprising two parallel plates arranged at the upper and lower edges of said book adjacent the back thereof, the adjacent surfaces of said plates being provided with grooves for loose engagement by the outer ends of said bars, the extremities of said bars being enlarged for

locking engagement with said grooves, the latter in cross section being of a form corresponding with that of the ends of said bars; and a longitudinally adjustable bar extending between said plates and having its ends detachably secured thereto, substantially as described.

9. The combination with a book of an index therefor, said index comprising a plurality of index sheets adapted to be arranged between the leaves of said book; studs projecting from the upper and lower edges of said sheets at the inner edges of the latter; means for loosely securing said sheets together, said means comprising two parallel plates arranged at the upper and lower edges of said book adjacent the back thereof, the adjacent surfaces of said plates being provided with arcuate grooves for loose engagement by the outer ends of said sheet studs, the curvature of said groove corresponding with the transverse curvature of the back of said book, and means for detachably securing said plates together, in spaced relation, substantially as described.

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

JOHN H. VIESER.

Witnesses:

HELEN F. LILLIS,
JOSHUA R. H. POTTS.