

No. 627,076.

Patented June 13, 1899.

E. S. GLOVER.
BINDER FOR MAGAZINES, &c.

(Application filed Sept. 12, 1898.)

(No Model.)

Fig. 1.

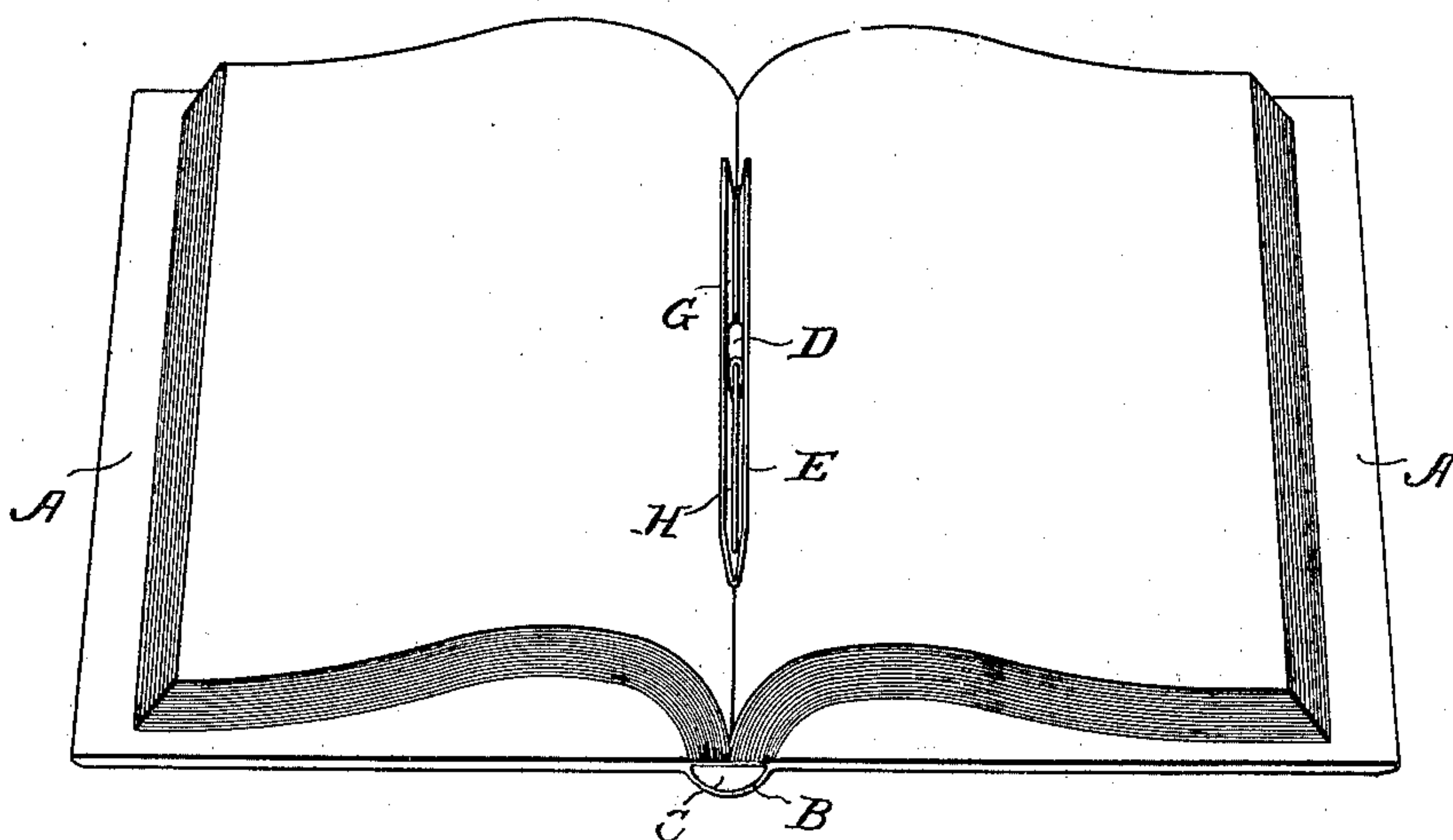


Fig. 2.

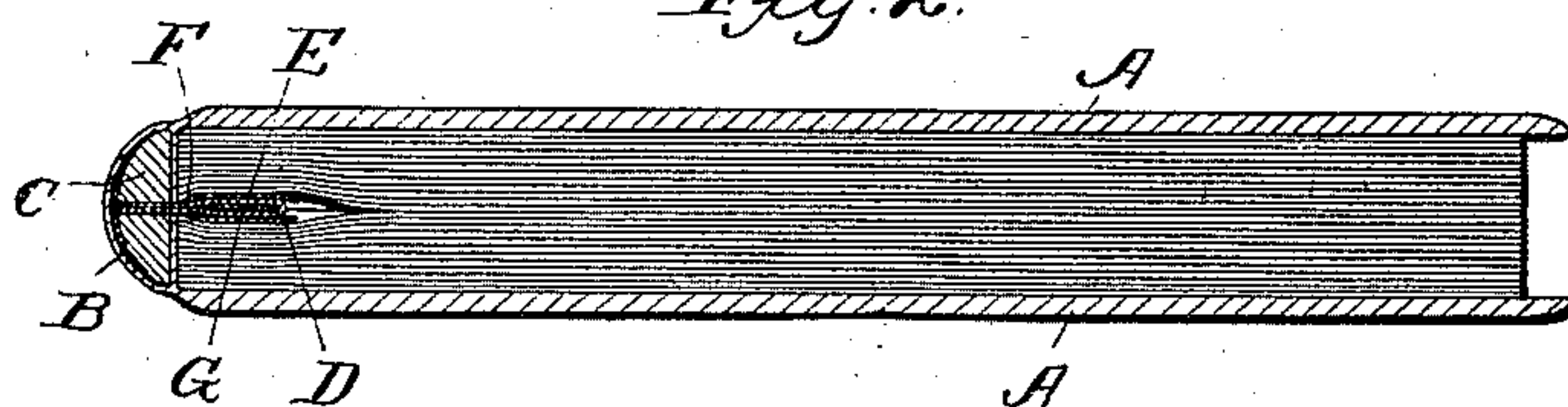


Fig. 3.

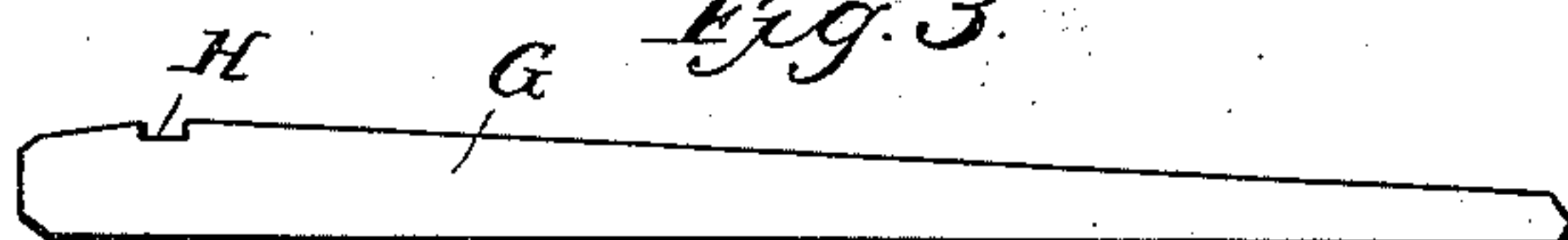


Fig. 4.

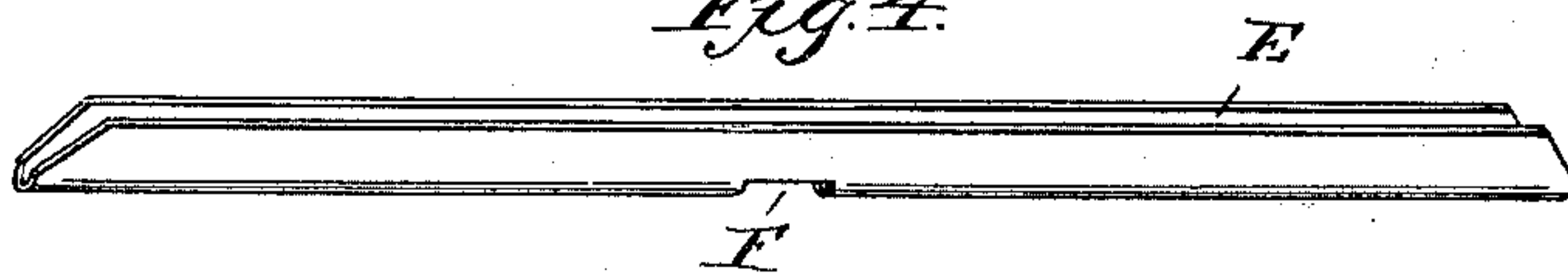
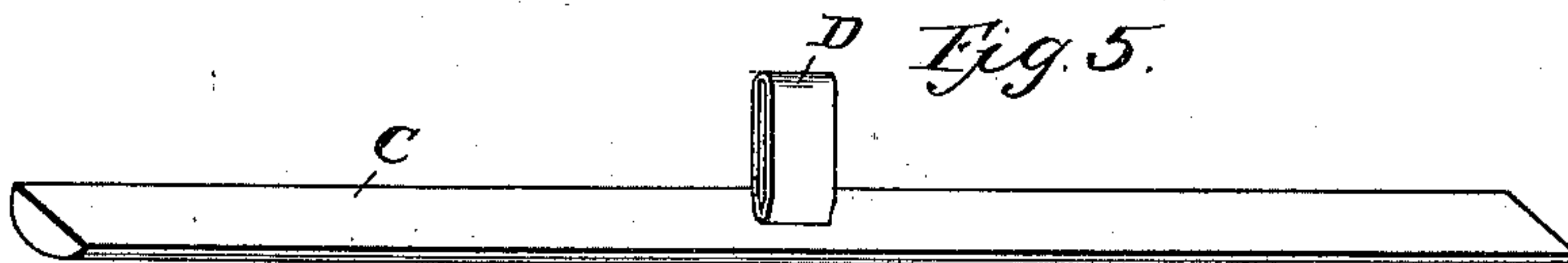


Fig. 5.



Witnesses
E. C. Wurdeman
Samuel Stuart

Inventor
Eli S. Glover
by *G. C. Haydon*
Attorney

UNITED STATES PATENT OFFICE.

ELI S. GLOVER, OF SAN FRANCISCO, CALIFORNIA.

BINDER FOR MAGAZINES, &c.

SPECIFICATION forming part of Letters Patent No. 627,076, dated June 13, 1899.

Application filed September 12, 1898. Serial No. 690,745. (No model.)

To all whom it may concern:

Be it known that I, ELI S. GLOVER, a citizen of the United States, residing at San Francisco, county of San Francisco, and State of California, have invented a certain new and useful Improvement in Binders for Magazines and the Like, of which the following is a specification.

My invention relates to a new and useful improvement in binders for magazines and the like, and has for its object to provide an exceedingly simple and effective device of this description which will render the attachment of a magazine or like volume between the backs of the binder an easy matter, which may be accomplished by a person with little or no skill, and when the magazine is thus placed it will be securely held without increasing its bulk or in any wise interfering with its use and at the same time affording a neat and substantial binding which will protect the magazine from injury.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 shows my improved binder open, having a magazine or like volume secured therein; Fig. 2, a cross-section of the binder, showing the magazine therein; Fig. 3, an enlarged detail of the wedge-shaped key; Fig. 4, a perspective of the guard, and Fig. 5 a similar view of the binding-strip carrying the binding-loop.

In carrying out my invention as here embodied, A represents the covers of the binder connected together in the usual manner by the flexible section B, in which is rigidly secured the binding-strip C, the latter being preferably composed of wood and of a shape which will give to the completed binder the general appearance of a book, and this binding-strip in practice is usually glued within the flexible section. The binding-strip has secured therein a loop D, composed of metal or other

suitable material, and this loop projects upward to a sufficient distance to pass through the folio of the magazine.

E represents the guard, which is of sheet metal, so bent as to be V-shaped in cross-section and having an opening F formed in the center thereof, as clearly shown in Fig. 4. This opening should be of a size to readily pass over the loop D, and said loop should be of a length to extend to the upper edge of the guard, and when this is the case the wedge-shaped key G may be easily inserted within the loop and forced forward while riding in the channel of the guard.

In securing a magazine or other volume within the binder said volume is opened at its center and the signatures separated with a paper-knife or similar implement from the inside outward, and to facilitate the insertion of the loop in this opening the signatures should be pressed well apart by turning the knife edgewise. The binding-loop is then passed through the opening thus formed, care being taken not to tear the signatures, after which the guard is placed between the folios, the opening therein passing over the loop when the wedge-shaped key is inserted in the loop and pressed firmly home.

For convenience in withdrawing the wedge should it be desired to remove the magazine from the binding a notch H is formed in the key, so that a paper-knife or the like may be used to withdraw the wedge-shaped key by engagement with said notch.

After the magazine has been secured in place the guard is pressed together as much as possible in order that the bulk of the magazine will not be materially increased at this point.

My invention is exceedingly simple, and the cost thereof is small, while it is advantageous for binding all classes of magazines and the like, and it may be readily used by persons having little or no skill, and a magazine may be either secured within the binder or removed therefrom without injury, and when in place it will be as securely bound as an ordinary book.

Having thus fully described my invention, what I claim as new and useful is—

1. As a new article of manufacture, a binder for magazines and the like consisting of the

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covers secured together by a flexible section or back, a binding-strip secured to the flexible section, a binding-loop projecting from the strip, a guard having an opening therein 5 for passing over the loop, and a wedge-shaped key for insertion within the loop, as specified.

2. In combination with the covers of a binder, a binding-strip secured therebetween, a loop projecting from the strip at the center 10 thereof, over which the magazine may be placed by forming an opening therethrough, a guard, V-shaped in cross-section, having an opening in the center thereof for passage over the loop, and a wedge-shaped key adapted to 15 slide in the guard and be inserted in the loop for holding the part in place, as shown and described.

3. In combination, two covers, a flexible

section connecting said covers, a binding-strip secured between the covers and to the flexible section, a loop projecting from the binding-strip, a guard having an opening in its center for passage over the loop after the latter has been passed through the magazine, and a wedge-shaped key having a notch therein, said key being adapted to slide within the guard and be inserted within a loop, as shown and for the purpose set forth. 20 25

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses. 30

ELI S. GLOVER.

Witnesses:

NELSON ELDRED,
F. A. ALLWARDT.