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E. A. SHARP.
PAMPHLET BINDER.
APPLICATION FILED MAR. 30, 1909.

Patented Mar. 22, 1910.

Fig. 1.

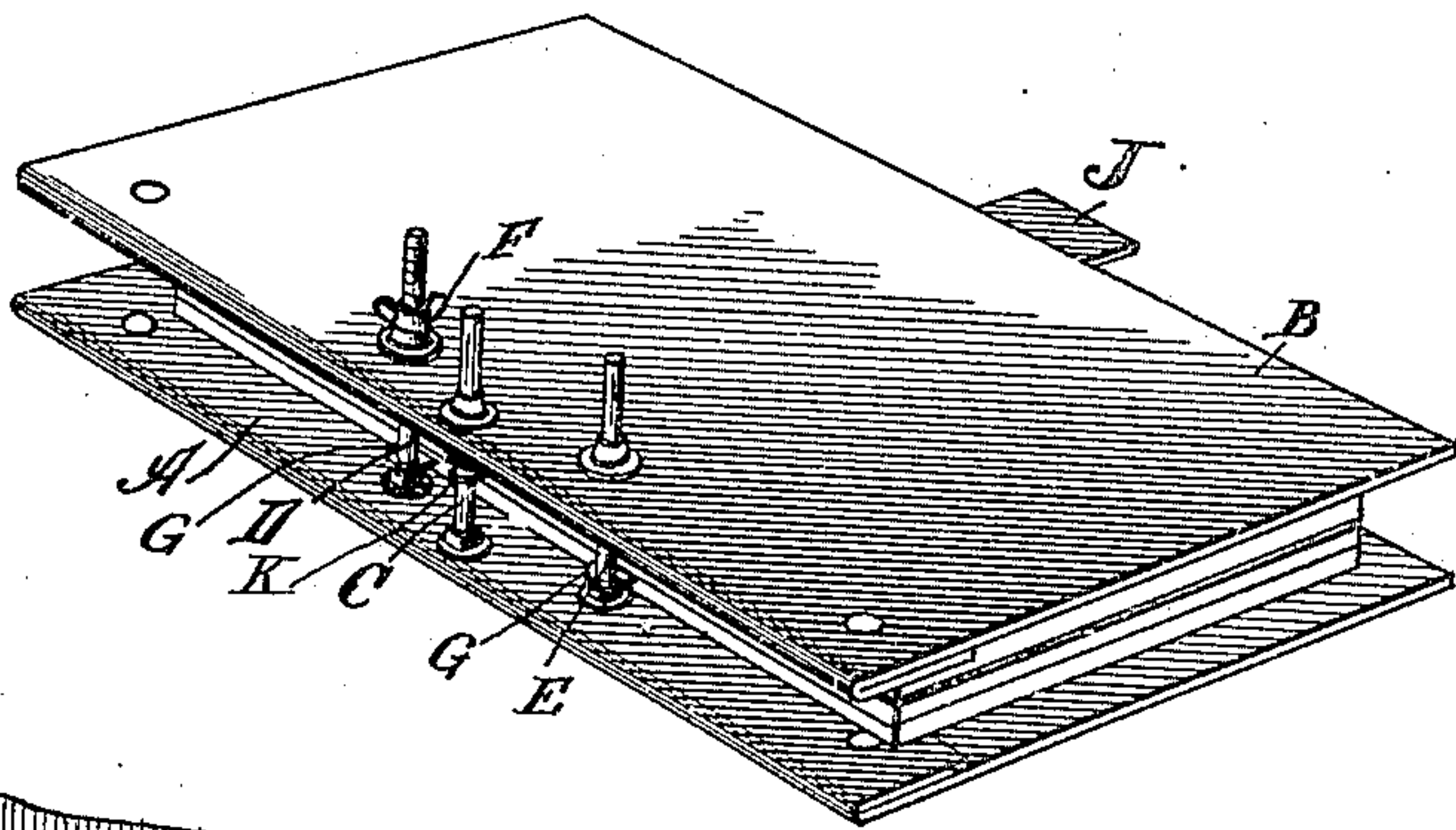


Fig. 3.

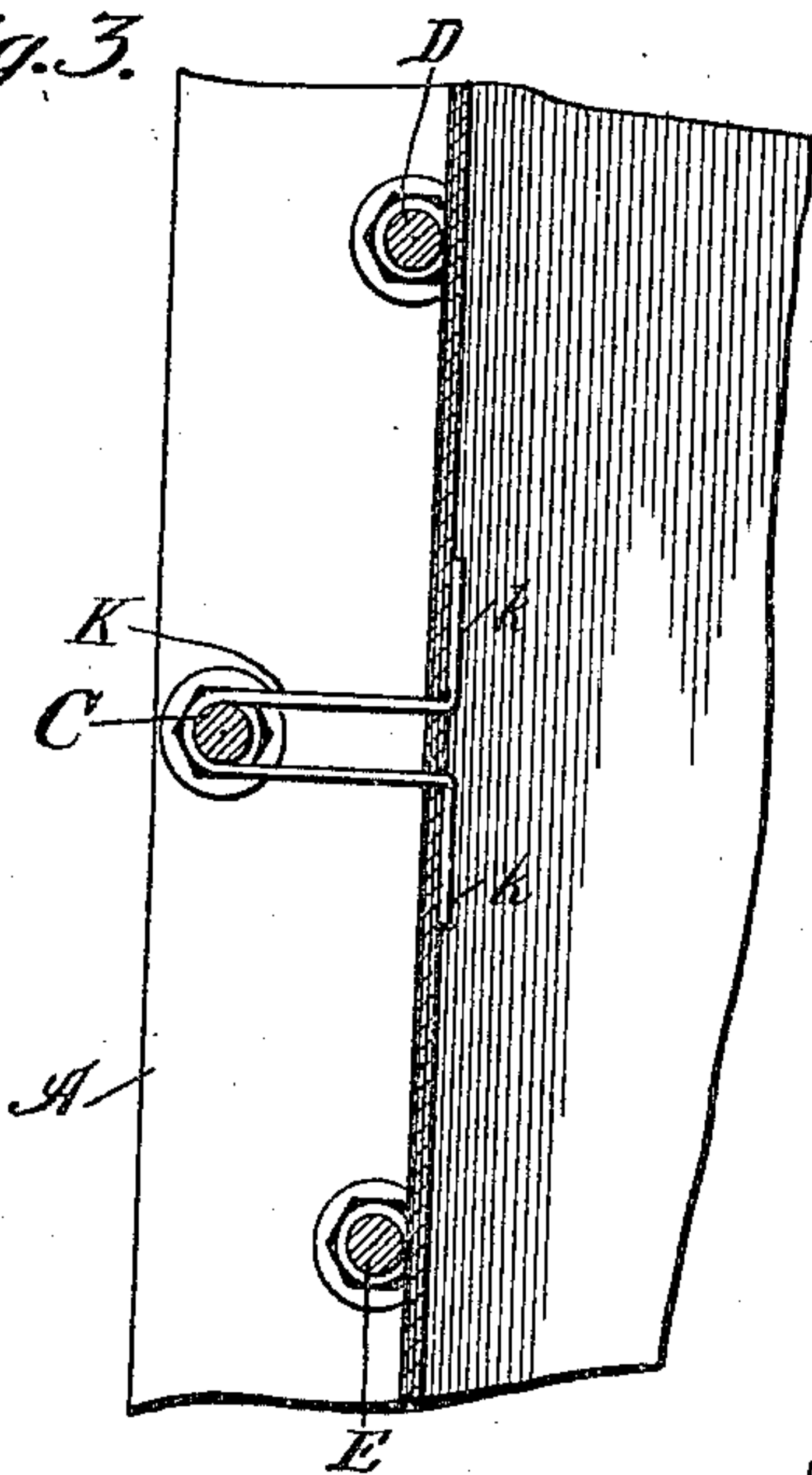


Fig. 2.

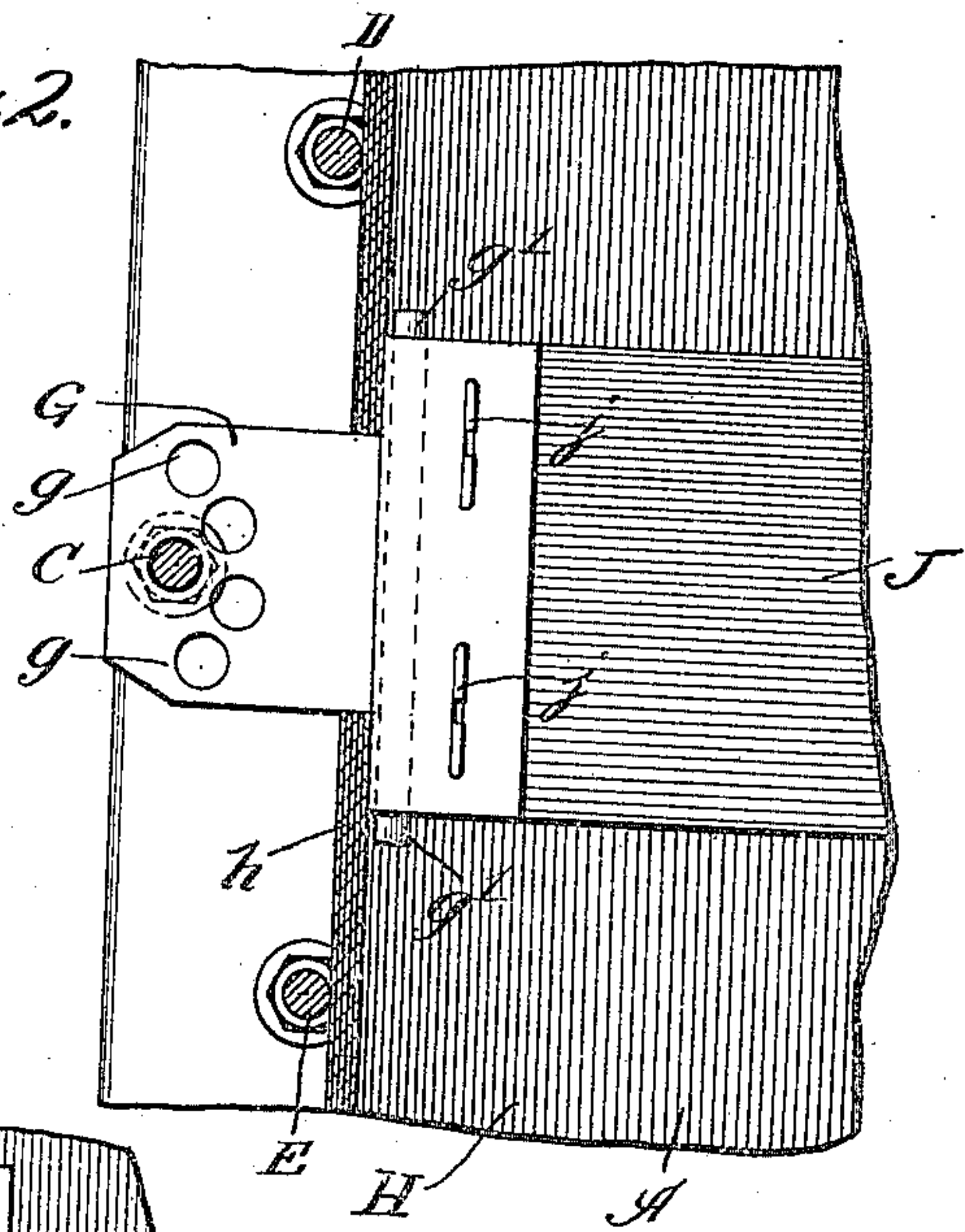


Fig. 5.

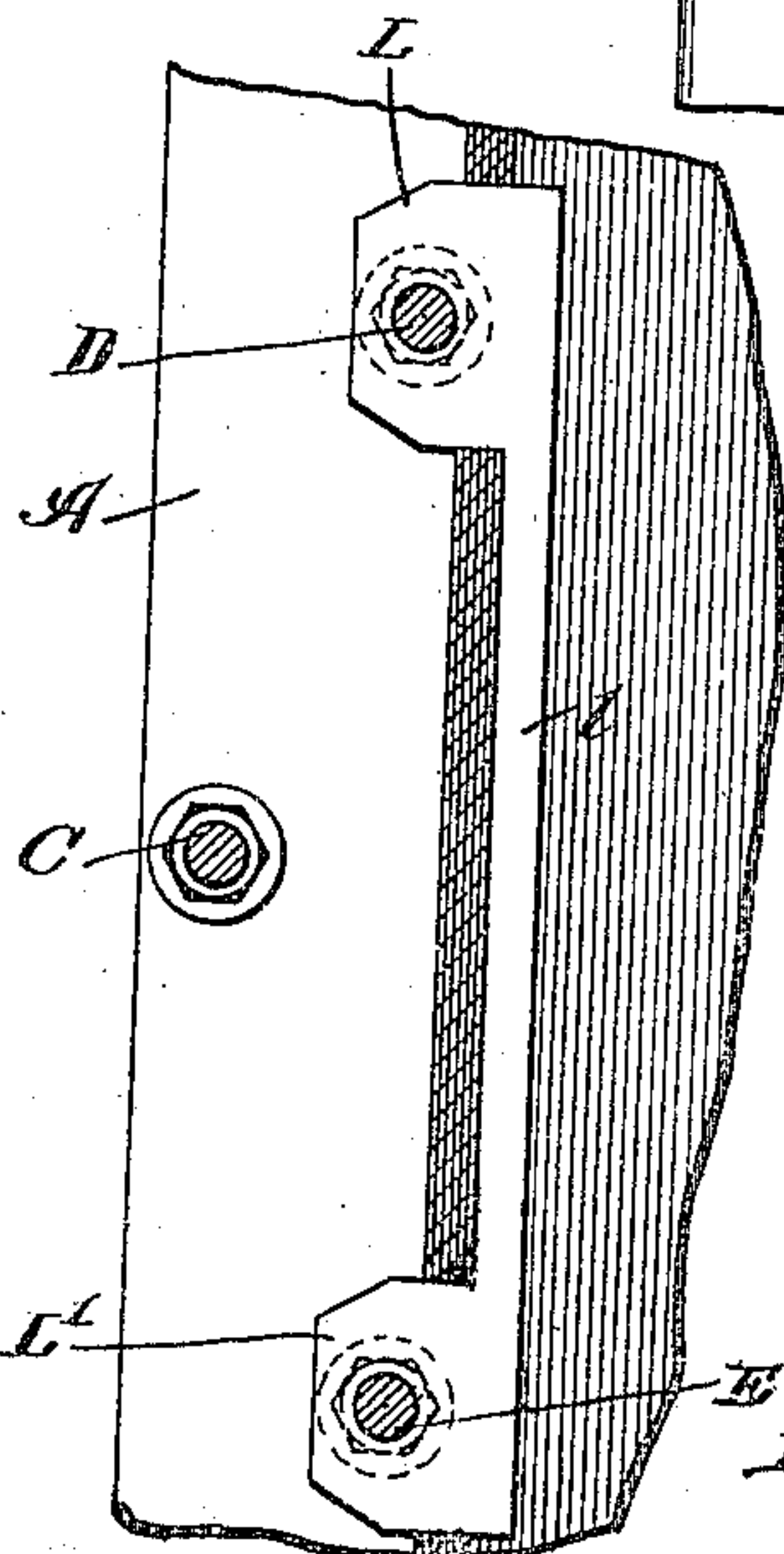
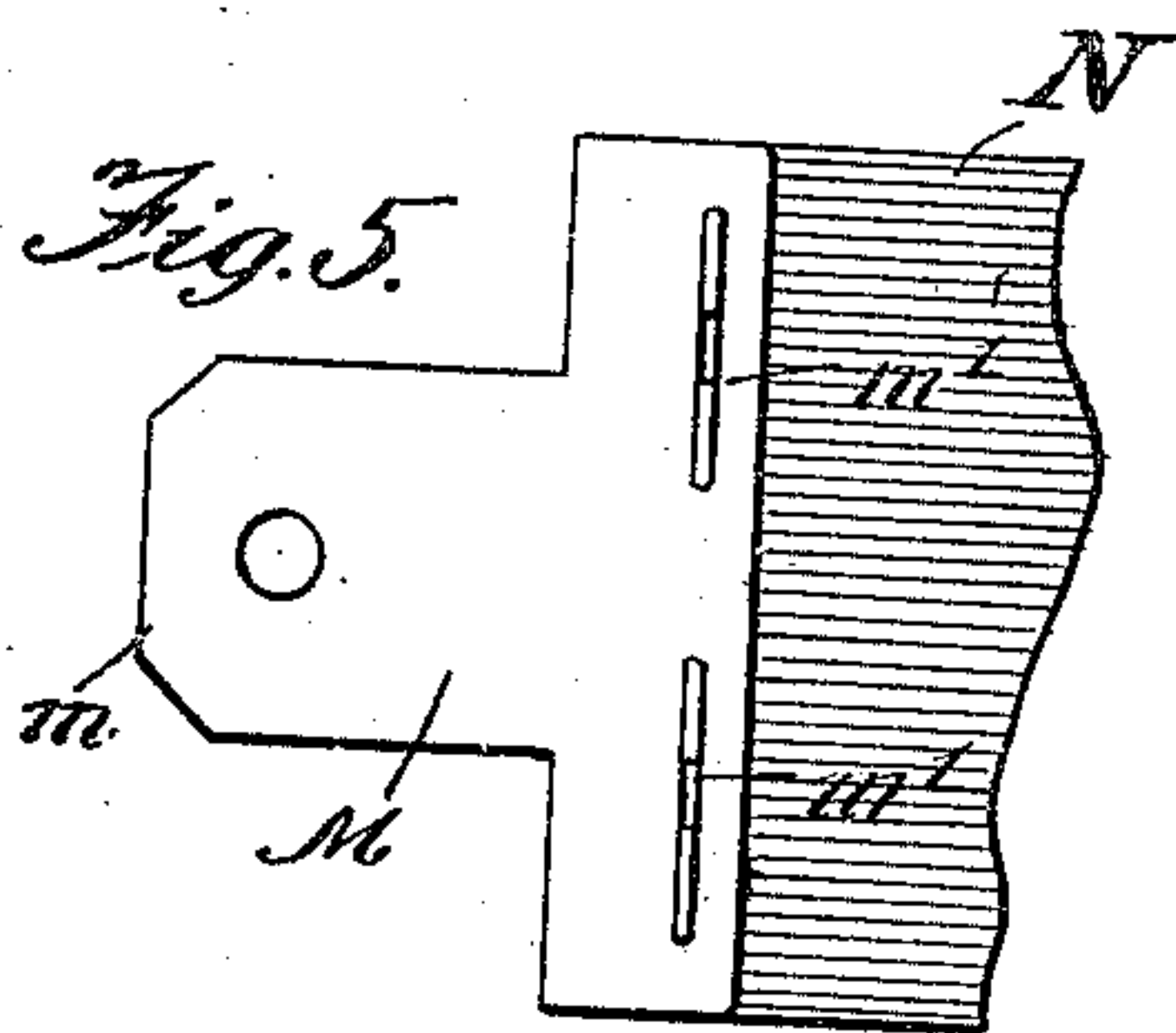


Fig. 4.

Witnesses:

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Attest

UNITED STATES PATENT OFFICE.

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PAMPHLET-BINDER.

952,471.

Specification of Letters Patent. Patented Mar. 22, 1910.

Application filed March 30, 1909. Serial No. 436,637.

To all whom it may concern:

Be it known that I, EDWARD A. SHARP, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Pamphlet-Binders, of which the following is a specification.

My invention relates to pamphlet binders of the loose leaf type and has for its object to provide certain new and improved devices for securely binding together pamphlets or the like.

More particularly, one of the objects of the invention is to provide a form of tab or clip which may be thrust through a slit in the folded or bound edge of the pamphlet, and to provide means upon the covers for engaging such tab or clip and the pamphlet for holding such pamphlet firmly in the binder.

A further object is to combine with such binding tab or clip an index tab.

The invention has for further objects such new and improved constructions and devices in loose leaf binders as will be described in the following description and particularly set forth in the claims appended therein.

A preferred embodiment of my invention, together with certain modifications is shown in the accompanying drawings, wherein—

Figure 1 is a perspective view of the binder. Fig. 2 a sectional plan view taken through the center of the pamphlet illustrating one form of device used to secure the pamphlet to the covers. Fig. 3 a similar view illustrating a modified form of attaching device. Fig. 4 a similar view illustrating another modification, and Fig. 5 a detail view illustrating another modified form.

Like letters of reference indicate like parts in the several figures of the drawings.

A represents the lower cover of the binder and B the upper cover. Secured to the lower cover in any desired manner is the upstanding rod C which passes through a perforation in the upper cover. Similarly, rods D and E are provided, which rods, however, are set a little farther in than rod C. One of these rods, for example, rod D, may be screw-threaded for the wing nut F.

One form of attaching device is shown in Fig. 2. This device consists of the metal tab G having a perforation or preferably a series of perforations g at different distances from the edge, and provided with shoulders g' , g' . The tab G extends through a slit

in the fold or binding h of the pamphlet H and engages with rod C by one or other of its perforations. The edge or fold of the pamphlet abuts against rods D and E. The arrangement of the perforations g as shown accommodates the attaching device to pamphlets of different thicknesses.

I preferably employ in connection with the attaching device an index tab which extends beyond the outer edge of the binder. This tab may consist of the piece of cardboard J which is slit for the tab G and is folded over the shoulders g' , g' , the folded part being secured to the body of the tab by wire binders j' , j' . By securing the tabs of successive pamphlets through differently positioned perforations according to the relative thickness of the pamphlets, they may all be held firmly against rods D and E. It will be seen that the tabs G securely attach the pamphlets to the binder, but in such a way that they may be easily removed. The abutments of the edges of the pamphlets with the rods D and E keep the pamphlets in proper position so that with the covers they form a firm volume.

A different form of attaching device is shown in Fig. 3, the rest of the binder having the same construction. The attaching device in this case consists of a wire loop K which extends around rod C and which has its end k turned outwardly.

In Fig. 4 the attaching device consists of two tabs L, L' which engage respectively with the rods D and E, and which are connected by the integral strip l , lying within the fold of the pamphlet as shown. In this case, rod C is not made use of. The tabs L, L' are relatively short so that they hold the folded edge of the pamphlet against the rods D and E.

In Fig. 5 I have illustrated a modification of the combined attaching device and index tab shown in Fig. 2. In Fig. 5 this device is made entirely of cardboard, and preferably of one piece of cardboard cut and folded so as to form the attaching tab M of double thickness and the index tab portion N. To give the double thickness to the part M, the cardboard may be suitably cut out and folded over on the outer edge m of the tab and the folded part secured to the body of the tab by the wire staples m' , m' .

I do not limit myself to the particular devices, constructions and arrangements shown, as modifications might be devised

which would come within my invention as defined by the claims.

I have described the device as a pamphlet binder. I use the word in its broad signifi-
 5 cation as intending a sheet or sheets of paper folded so as to form two or more pages, whether printed or written.

The means for accommodating the attaching tab of Fig. 2, which shows the pre-
 10 ferred form of my invention might be varied by different arrangements of perforations g . In the case shown the perforations are at graduated distances from the inner line of shoulders g' , g' , these distances
 15 differing by a thirty-second of an inch. Differences so slight can not be properly shown in the drawing so that the graduation has been somewhat exaggerated.

I claim:

20 1. In a pamphlet binder the combination with covers, of an attaching tab adapted to extend through the binding edge of a pamphlet and provided with an index tab, and means for securing said attaching tab to the
 25 covers.

2. In a pamphlet binder the combination with covers, of a perforated attaching tab adapted to extend through the binding edge of a pamphlet and provided with an index
 30 tab, a rod on one of said covers with which said attaching tab engages, and rods on either side of said first mentioned rod against which the binding edge of the pamphlet en-
 35 gages.

3. In a pamphlet binder the combination with covers, of an attaching tab adapted to extend through the binding edge of a pamphlet and having parts which engage the in-
 40 side thereof, said tab being provided with a plurality of perforations at different perpendicular distances from said engaging parts, a rod on one of the covers with which said tab engages, and abutments for the edge
 45 of said pamphlet.

4. In a pamphlet binder the combination with covers, of an attaching tab provided with a plurality of perforations, an index
 50 tab connected therewith, and a rod on one of said covers with which said attaching tab engages.

5. In a pamphlet binder the combination with covers, three rods secured at the back edge of one of said covers, the middle one of said rods being set nearer the edge of the
 55 cover, an attaching tab adapted to extend through the binding edge of a pamphlet, and provided with a perforation for engagement with said middle rod, the other of said covers being provided with perforations to

receive the ends of said rods, and one of said
 60 rods being screw-threaded and a wing-nut for binding the covers and pamphlets together.

6. A pamphlet binder comprising attaching tabs adapted to extend through the bind-
 65 ing edges of pamphlets, and having parts which engage the inside thereof said tabs being provided with a plurality of perforations at different perpendicular distances from said engaging parts, common means
 70 extending through said perforations for securing said tabs together, and abutments for the edges of said pamphlets.

7. A pamphlet binder comprising covers, attaching tabs adapted to extend through
 75 the binding edges of pamphlets and having parts which engage the inside thereof and each provided with a plurality of perforations at different perpendicular distances from said engaging parts, a device connected
 80 with said covers which extends through one of the perforations of each of said tabs, and abutments for the edge of said pamphlets.

8. A pamphlet binder comprising a plu-
 85 rality of attaching tabs provided each with pamphlet engaging means and with a plurality of perforations arranged at different distances from said engaging means, index
 90 tabs connected with said attaching tabs and a device which extends through one of the perforations of each of said tabs.

9. A pamphlet binder comprising covers, attaching tabs which extend through the
 95 binding edges of the pamphlets, index tabs which are connected with the attaching tabs providing shoulders which lie against the inside of the bindings said attaching tabs being formed with a plurality of perfora-
 100 tions at different perpendicular distances from said shoulders, and means for securing said attaching tabs to the covers.

10. A pamphlet binder comprising covers, attaching tabs which extend through the
 105 binding edges of the pamphlets, index tabs which are connected with the attaching tabs providing shoulders which lie against the inside of the bindings, said attaching tabs being formed with a plurality of perfora-
 110 tions at different perpendicular distances from said shoulders, means for securing said attaching tabs to the covers, and abutments on the covers for the edges of said pamphlets.

EDWARD A. SHARP.

Witnesses:

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