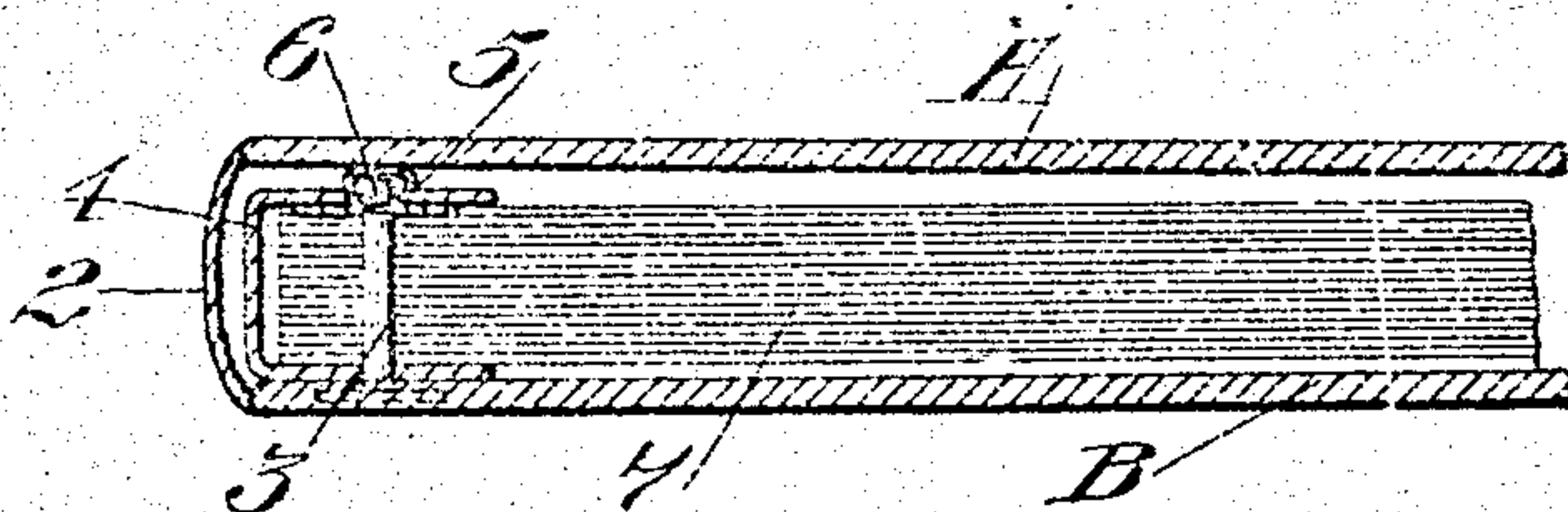


971.007.

Fig. 2.



Inventor.
Perot S. Hubbard.
By G. H. Strong.
his Attor.

UNITED STATES PATENT OFFICE.

BERT S. HUBBARD, OF OAKLAND, CALIFORNIA, ASSIGNOR TO THE UNION TELEGRAPH COMPANY, OF SAN FRANCISCO, CALIFORNIA, A CORPORATION OF CALIFORNIA.

LOOSE-LEAF BINDER.

971,007.

Specification of Letters Patent. Patented Sept. 20, 1910.

Application filed February 23, 1910. Serial No. 545,480.

To all whom it may concern:

Be it known that I, BERT S. HUBBARD, citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Loose-Leaf Binders, of which the following is a specification.

My invention relates to loose leaf binders, and pertains especially to a binder for temporarily holding in position between two covers a stack or pad of blank bank checks or the like.

The object of the present invention is to provide a simple, practical holder and binder of this sort which will protect the edges of the stubs and permit the use of loose sheets, and which will permit of the ready insertion and removal of a stub or pad of leaves, and in which the locking parts will all be carried as fixtures of the binder, without any liability of the loose parts becoming lost.

The invention consists of the parts and the construction and combinations of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 is a perspective view broken away to show the construction. Fig. 2 is a longitudinal section.

A and B represent respectively the bottom and top covers of the book suitably connected by the flexible back 2. Secured to one of these covers, preferably the back cover, are two or more fixed studs 3, and also secured to the same cover is a secondary flexible back and stub protector 4. The edge of this stub protector 4 is provided with suitable securing means, as the female glove-fastening devices 5, which are adapted to coast with rounded circumferentially grooved ends 6 of the studs 3 and hold the perforated pad of leaves 7 in place.

In operation the pad or stack of leaves, suitably perforated, is slipped over the studs 3 and is held thereon by folding over the stub protecting back 4 and causing the spring members 5 to slip over and interlock with the grooved ends of the studs. The book is then ready for use. The back 4 not only locks the pad in place, but protects the

edges and corners of the stubs of the leaves, and does not interfere in any way with the easy opening and closing of the top cover A. Whenever a pad is used up, the back 4 is easily detached, and the pad taken out and filed away and a new pad put in.

While I prefer in practice to use the ordinary female glove-fastener simply as a matter of convenience and economy, it is manifest that other forms of securing means could be used, one member of which is carried by the back and the other member of which is formed on or provided by the filing posts 3.

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

1. The combination with a suitable backing consisting of top and bottom covers and connecting back, and filing studs carried by said bottom cover, said studs having a circumferential groove adjacent to their outer ends, of a secondary flexible back secured along one edge to the bottom cover and having the remaining portion unconnected to said cover and to the top cover and also to the first-named back, and arranged parallel with the latter whereby the top cover and its connecting back wholly incloses the secondary back, said secondary back having spring locking members telescoping with the groove ends of the filing studs.

2. A binder consisting of top and bottom covers and a connecting back, said bottom cover having filing studs fixed to it, and a secondary flexible back parallel with and wholly inclosed by the first-named back and secured along one edge to the bottom cover and having the remaining portion normally and permanently separated from the top cover and the back which connects the top and bottom covers, the opposite or free edge of the secondary back having locking members to engage the ends of the filing studs.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

BERT S. HUBBARD.

Witnesses:

C. M. SHRADER,
GEO. C. HUBBARD.

It is hereby certified that the assignee in Letters Patent No. 971,007, granted September 20, 1910, upon the application of Bert S. Hubbard, of Oakland, California, should have been described and specified as *The Union Lithograph Company* instead of "The Union Telegraph Company" as shown by the record of assignments in this office; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 25th day of October, A. D., 1910.

[SEAL.]

E. B. MOORE,

Commissioner of Patents.