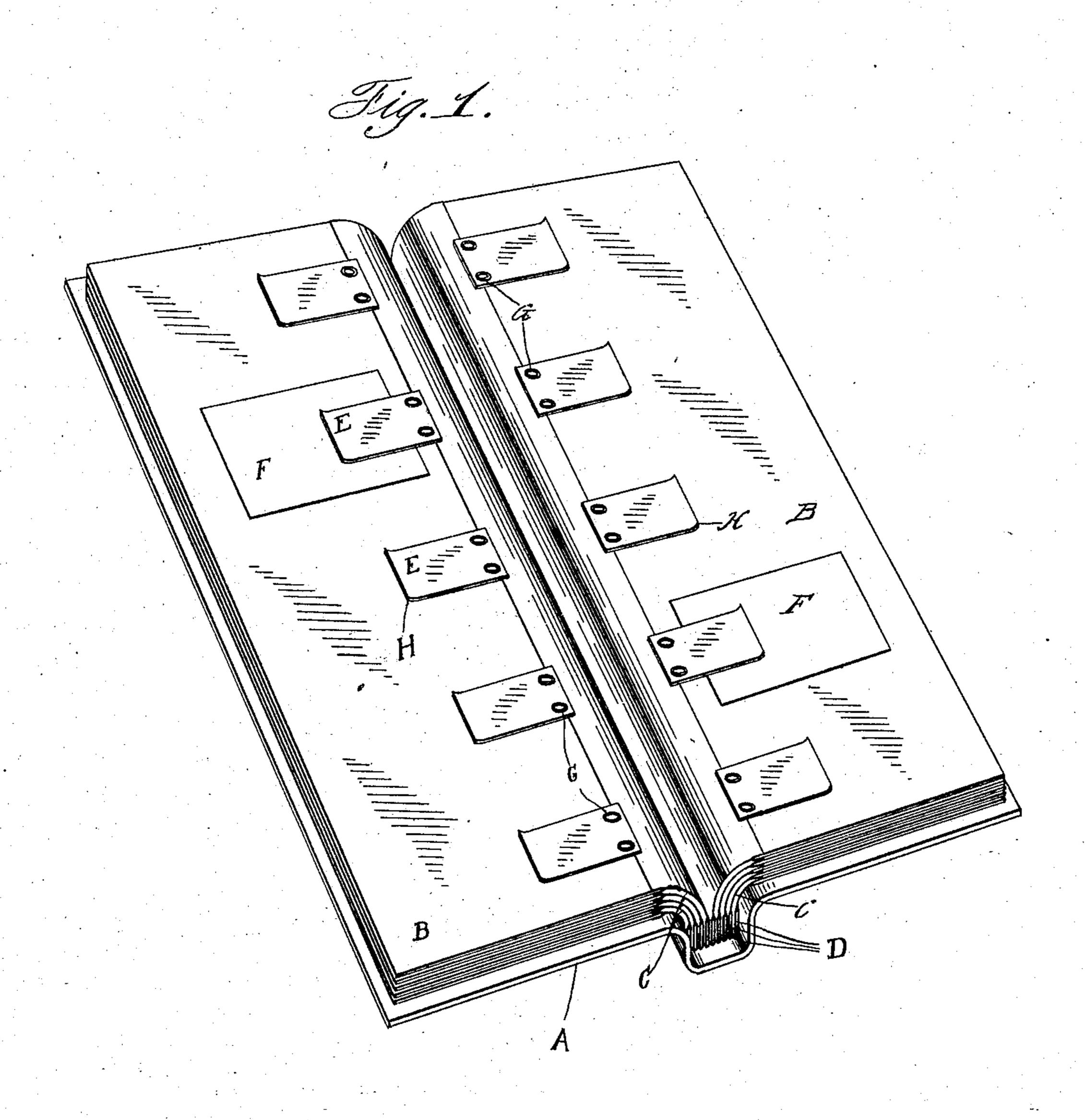
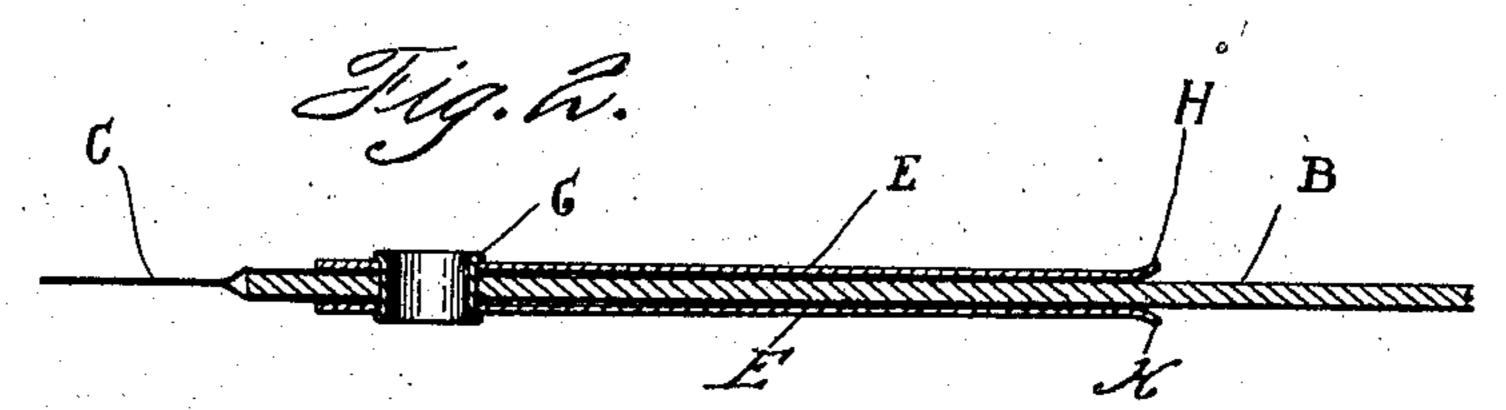
## W. F. BOCKHOFF. BOOK FOR FILING PAPERS, &c. APPLICATION FILED MAY 7, 1904.





Witnesses

UM. M. Chartley Vim Henderson Josephof Backhoff Bac

## UNITED STATES PATENT OFFICE

WILLIAM F. BOCKHOFF, OF DAYTON, OHIO, ASSIGNOR TO NATIONAL CASH REGISTER COMPANY, OF JERSEY CITY, NEW JERSEY, A CORPORATION OF NEW JERSEY.

## BOOK FOR FILING PAPERS, &c.

No. 806,391.

Specification of Letters Patent.

Patented Dec. 5, 1905.

Application filed May 7, 1904. Serial No. 206,917.

To all whom it may concern:

Be it known that I, WILLIAM F. BOCKHOFF, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Books for Filing Papers, &c., of which I declare the following to be a

full, clear, and exact description.

My invention relates to books for filing or 10 holding sales-slips, vouchers, or any paper memoranda slips of this nature, and has for its object to provide a book which shall be extremely simple in construction, and therefore inexpensive to manufacture, and shall at the 15 same time be efficient in serving its purpose and be capable of ready and rapid manipulation. I have particularly devised this form of book to overcome certain defects and disadvantages to be found in other books hav-20 ing the same general purpose in view, which defects make such books impractical in commercial use, and with these purposes in view I have devised a book the preferred form of embodiment of which is shown in the accom-25 panying drawings, in which—

Figure 1 represents a perspective view of my book, and Fig. 2 represents a detail sectional view through one leaf and through the

clips attached thereto.

The book comprises a cover A, into which are bound at one edge the various leaves B, these leaves being constructed of cardboard or similar material and each leaf having a hinged portion C, made of leather or of similar flexible material, this hinged portion being attached at the inner end to a strip of rigid material D, these various strips D serving as the binding portions of the various leaves. Each leaf has attached to it a number of spring-metal clips E, which are arranged to have inserted beneath them the desired paper slips F.

The body portion of each clip E comprises a flat surface, and in fastening the clips to the leaf B two of the clips are placed in corresponding positions on opposite sides of the leaf, as shown in Fig. 2, and then by means of two eyelet-rivets G these two clips are fastened firmly together at one end, with the texture of the leaf B intervening between the two clips, so that the clips press toward each other under their spring tension upon opposite sides

of the leaf, and thereby one set of clips serves for one page of a book and the clips respectively attached thereto in pairs serve for the 55 page on the other side of the same leaf.

The free outer end of each clip is bent slightly upward at H, so that the person using the book may quickly and easily obtain sufficient grasp of the clip to lift the same against 60 its spring tension and insert thereunder the

desired paper slip or slips.

I am aware that hitherto books have been constructed for this same general purpose having clips attached to the various leaves 65 of the books and arranged to hold papers inserted under the clips, and in some cases the clips are in the form of duplex annular rings which are passed through a perforation in the leaf, and it will be seen from such a construction tion that after constant use of the clip the perforation will become enlarged and worn and the clip will not stay properly in position upon the leaf, and, furthermore, such an annularshaped spring-clip is not easily raised under 75 its spring tension nor is it easy to grasp the same when it is embedded in the bundle of soft papers which it is designed to hold. It is largely with a view of overcoming these disadvantages that I have invented my present 80 improvements, and it will be observed that the method which I have adopted of attaching one of the clips to the other clip, which is similarly situated on the other side of the leaf, affords a possibility of rigidity of the clip with 85 reference to the leaf of such nature as to prevent the lateral displacement of the same and also prevents the working of the clip in the perforation of the leaf, and thereby insures durability, and, furthermore, owing to the shape 90 of the clip, it can readily be lifted under its spring action, the point of attachment serving somewhat as a hinge to permit the lifting of the clip, and, still further, the slight upturning of the clip at its free outer end presents a 95 projection which by lateral pressure against the same readily enables the user of the book to lift the clip under its spring tension, and thereby facilitates an easy and rapid disposition of the paper slips beneath the various 100 clips, which is an important feature of this type of book where numerous slips have to be sorted and filed rapidly in proper order, and at the same time the upturning of the clip at H is

so slight as not materially to add to the thickness of the book.

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

In an article of the character described, the combination with a leaf, of flat spring-metal clips in corresponding positions on opposite sides of the leaf, and a fastening extending

through both clips and through the material 10 of the leaf.

In testimony whereof I affix my signature in the presence of two witnesses.

## WILLIAM F. BOCKHOFF.

Witnesses:

John J. Ungváry, Wm. O. Henderson.