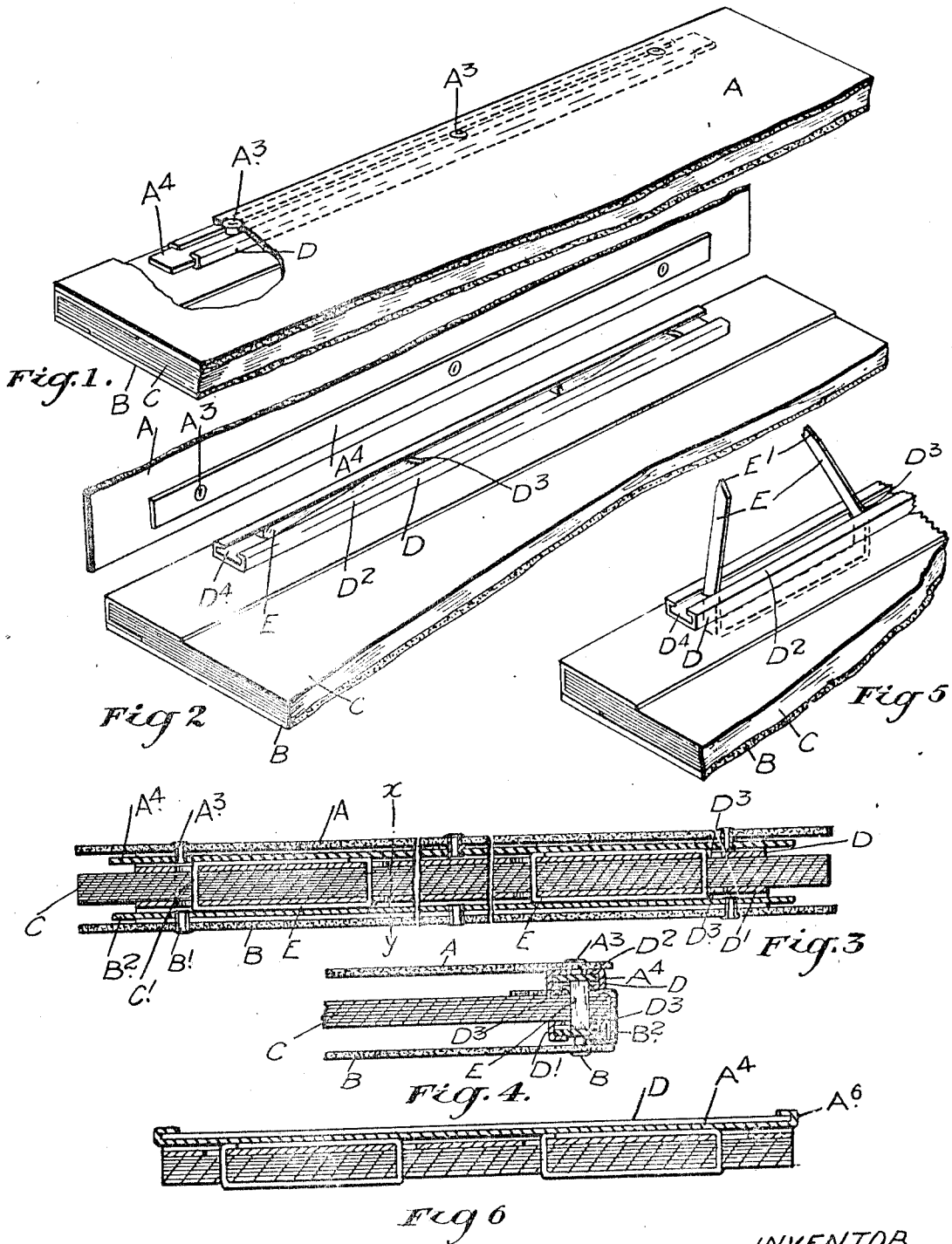


E. STANTON.
 LOOSE LEAF BINDER.
 APPLICATION FILED JUNE 21, 1911.

1,039,207.

Patented Sept. 24, 1912.



WITNESSES.

W. H. H. H. H. H.
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att'y

UNITED STATES PATENT OFFICE.

ELDRIDGE STANTON, OF TORONTO, ONTARIO, CANADA.

LOOSE-LEAF BINDER.

1,039,207.

Specification of Letters Patent.

Patented Sept. 24, 1912.

Application filed June 21, 1911. Serial No. 634,627.

To all whom it may concern:

Be it known that I, ELDRIDGE STANTON, of the city of Toronto, in the county of York, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Loose-Leaf Binders, of which the following is the specification.

My invention relates to improvements in loose leaf binders, and the object of the invention is to devise a binder of this class which will be neat in appearance capable of being easily separated for the insertion of new leaves or for removing leaves therefrom and it consists essentially of a U-shaped channel strip having inturned edges and holes extending through the base of the strip and designed to register with the holes in the loose leaves, a flexible metallic strip designed to extend at each end through the holes of the leaves and through the holes in the strip and bent downwardly so as to rest upon the base of the strip and a supplemental covering strip designed to fit within the U-shaped strip over the ends of the metallic strip as hereinafter more particularly explained by the following specification.

Figure 1, is a general perspective view of my binder edging and cover with loose leaves inserted within the cover. Fig. 2, is a similar view to Fig. 1, showing the binder separated. Fig. 3, is an enlarged longitudinal section through the binder leaves and cover, such figure being intermediately broken away. Fig. 4, is a cross section on line *x-y* Fig. 3. Fig. 5, is a perspective view of one end of the binder as it would appear prior to removing leaves. Fig. 6, is a longitudinal section showing my device adapted to be used without the cover as shown in Figs. 1 to 5.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is one cover member to which is secured by eyelets A^3 or by other suitable means a metallic strip A^4 . B is the other cover member to which is secured by eyelets B^1 or other suitable means a metallic strip B^2 .

C are the loose leaves.

D and D' are U-strips having inturned edges D^2 and holes D^3 extending through the base of the strip D^4 .

E are strips of flexible metal preferably provided with pointed ends E' . The flexi-

ble metal strip is threaded through the holes D^3 of both strips D' and D and through the holes C' and the loose leaves C as shown in Figs. 3, 4 and 5. The ends E' extend upwardly as shown in Fig. 5 and are bent down against the base D^4 of the strip D. The bars A^4 and B^2 are then slid into the U-strips D and D' thereby securely holding the ends E' of the strip in place and effectually covering the same so as to form a neat appearance.

It will be seen that when it is necessary to put new leaves in the cover all that I have to do is to slide the strips A^4 and B^2 of the covers and the cover members attached thereto longitudinally and bend the ends E' of the strip E upwardly and then the leaves may be removed and new ones inserted in place thereof if desired.

In Fig. 6, I show my device adapted for permanently binding a set of loose leaves together. In this instance I turn up the ends A^4 of the strip A^4 so as to prevent the strips sliding longitudinally within the U-strip D. By this means the leaves are permanently bound together.

From this description it will be seen that I have devised a very simple device which is convenient both for temporary holding loose leaves together in a temporary cover so as to have a neat appearance and yet be absolutely secure and also by the same means for permanently binding loose leaves together if desired.

What I claim as my invention is.

In a loose leaf binder, the combination with the separate cover members and the loose leaves, of a U-shaped strip located to each side of the loose leaves having opposing internal longitudinal grooves and having perforations extending through the base of the strip, flexible metal strips extending at each end through the leaves and through separate perforations in the U-shaped strip, and bent over at the ends onto the base of the U-shaped strip and a flat cover strip secured to each cover member and adapted to slide longitudinally into the opposing internal grooves of the U-shaped strip, as and for the purpose specified.

ELDRIDGE STANTON.

Witnesses:

H. PRESTON,
M. EGAN.