

C. G. VAN BUREN.
 BINDER FOR LOOSE LEAF BOOKS.
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931,816.

Patented Aug. 24, 1909.

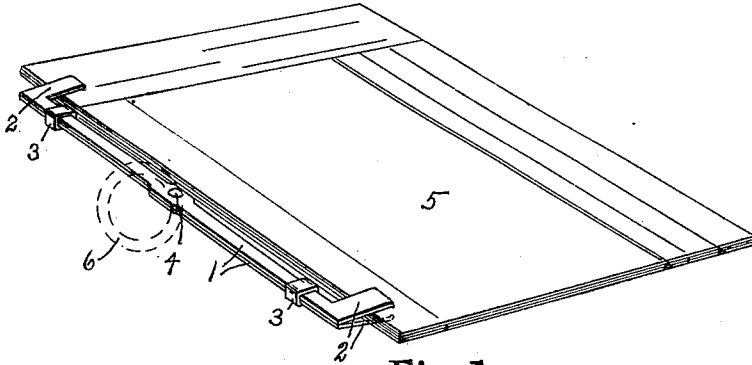


Fig. 1.



Fig. 2.

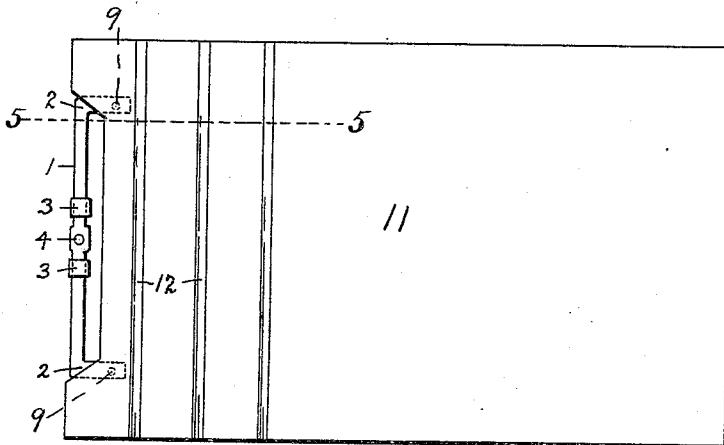


Fig. 3.



Fig. 4.

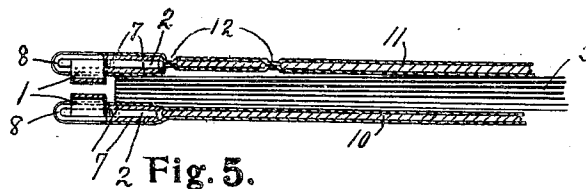


Fig. 5.

Witnesses

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BINDER FOR LOOSE-LEAF BOOKS.

931,816.

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Application filed October 29, 1908. Serial No. 459,970.

To all whom it may concern:

Be it known that I, CHESTER G. VAN BUREN, a citizen of the United States, and a resident of Provo, in the county of Utah and State of Utah, have invented a new and Improved Binder for Loose-Leaf Books, of which the following is a specification.

This invention relates to fasteners to hold periodicals or loose leaves of paper in book form, and its object is to provide a fastener that may be quickly and easily put into operative position, that may be employed without perforating the leaves, and that can be cheaply produced.

My invention consists of two similar pieces of spring metal secured together at the middle point and having jaws, together with sleeves slidable along the same to force the jaws together.

It further consists in combination with the fastener above set forth, of book covers secured to said jaws in such a manner that any desired contents may be secured between them.

In the accompanying drawings, Figure 1 is a perspective view of my improved fastener secured in position on the edges of leaves of paper. Fig. 2 is an edge view of the fastener. Fig. 3 is a view of a book cover comprising this fastener. Fig. 4 is an edge view of the fastening means of this cover on a larger scale. Fig. 5 is a cross section on the same scale of the cover on the line 5—5 of Fig. 3.

Similar reference characters refer to like parts throughout the several views.

The fastener in its simplest form is formed of two longitudinal strips of spring metal 1, having parallel sides, jaws 2 extending from one side of each, sleeves 3 slidable on the strips, and a rivet 4 or other device to secure them from sliding relative to each other. When the sleeves are near the rivet, the spring of the metal will hold the jaws separated, but by sliding the sleeves toward the jaws, as shown in Fig. 1, these jaws will be brought together so as to grip the leaves 5 or whatever else is placed between them. This device is especially adapted to temporarily secure together the loose leaves of manuscripts, clippings of printed matter, periodicals, sketches and display cards. If desired, a ring 6 shown in dotted lines in Fig. 1 may be employed instead of the rivet

and the device may then be used to suspend cards and other articles.

To employ this device for binding loose leaves in book form, the two leaves of a cover may be attached in any desirable manner. In Figs. 3, 4 and 5 one form of carrying out this idea is illustrated. Two thin sheets of metal are folded and notched so that each has two sides joined at their ends at 8 to form clamps. The jaws 2 are secured in position by rivets 9 or in other desirable manner, as shown in Fig. 4. To each of these clamps a book cover may be attached, the lower cover 10 in Fig. 5 being shown as stiff, while the upper cover 11 is shown with flexible strips 12 so that it may be folded. It will be noticed that the leaves 5 will be firmly held between the metal clamps as the pressure is evenly distributed, whether there be few, or enough to completely fill the spaces between the covers when the sleeves are in the positions shown in Fig. 4, and these binders may be of any size. None of the leaves need be perforated and any one or all can be instantly removed or replaced.

Many details of the above construction and the proportions may be changed without departing from the spirit of my invention which I claim and desire to secure by Letters Patent:—

1. In a binder for loose leaves, the combination of two strips of spring metal having parallel sides and lateral projections, a device to connect said strips intermediate their ends, sleeves slidable on said strips between the connector and the projections, a clamp secured to each strip, comprising a metal plate folded and its sides spaced to receive the projections, and a book cover secured to each clamp.

2. A binder comprising two strips of spring metal connected intermediate their ends, and having jaws projecting from their ends in the same direction, sleeves slidable on said strips, and a book cover secured to the jaws of each strip.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHESTER G. VAN BUREN.

Witnesses:

W. W. WHITCOTTON,
ELMINA S. TAYLOR.