

No. 843,714.

PATENTED FEB. 12, 1907.

E. C. SUCKERT.
LOOSE LEAF MEMORANDUM BOOK.
APPLICATION FILED JULY 1, 1905.

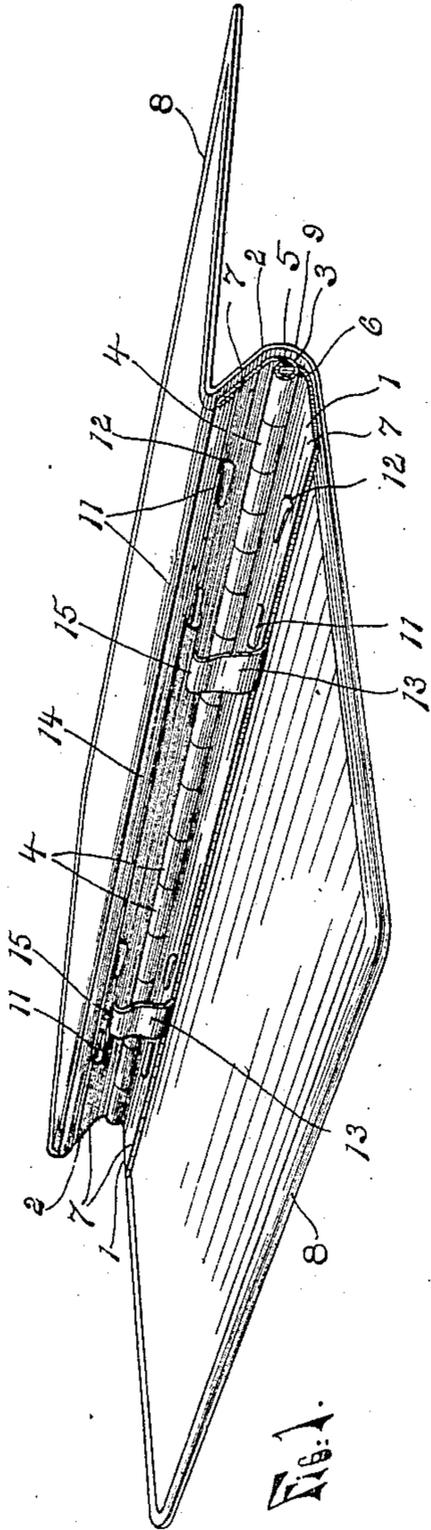


Fig. 1.

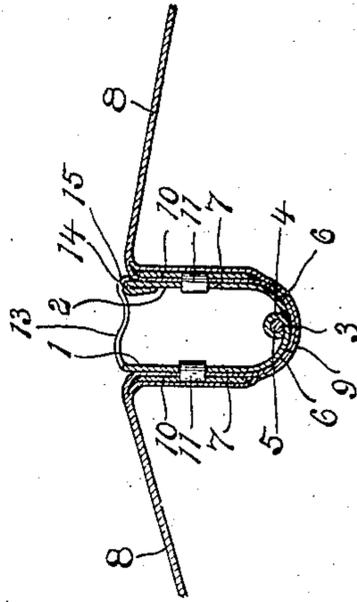


Fig. 2.

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LOOSE-LEAF MEMORANDUM-BOOK.

No. 843,714.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed July 1, 1905. Serial No. 267,943.

To all whom it may concern:

Be it known that I, EDWARD C. SUCKERT, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Loose-Leaf Memorandum-Books, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in temporary binders or loose-leaf account-books; and its object is to provide a construction which is especially adapted for pocket memorandum or similar small books, the same being very light and simple in construction and cheap to manufacture, yet strong and durable.

To this end the invention consists in forming the back of the book of two strips of sheet metal hinged together at one edge and the strips bent longitudinally to form a rounded or curved back, with the hinge extending along its longitudinal center line, and to form side flanges, to which the covers are secured.

The invention also consists in forming the binding-fingers for holding the leaves integral with the outer edge of one of said strips or side flanges, said fingers being bent to extend across the back through openings in the leaves and yieldingly engage or hook over the outer edge of the opposite flange, and, further, in providing the device with certain other new and useful features, all as herein-after more fully described, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a device embodying the invention, and Fig. 2 an enlarged transverse section of the same.

As shown in the drawings, the back of the book is formed of two strips 1 and 2, of sheet metal, which are hinged together at 3 along their adjacent longitudinal edges by forming eyes 4 on said edges alternately to receive a wire or pintle 5. The strips are bent or curved throughout their longitudinal length at 6 adjacent to the eyes to form a rounded or curved back for the book, and the outer straight edge portions of said strips form side flanges 7, to which the covers 8 are secured. The edges of the covers are united by a flexible protecting-back portion 9, consisting of two flexible strips of leather or other suitable material, between which metal securing-strips 10 are inserted, and prongs 11 are

struck up from these metal-strips, and piercing the inner protecting-strip and extending through holes 12 in the flanges 7 are clenched down upon the inner face of said flanges to secure the covers to the flanges, with the protecting back portion or covering extending over the metal back.

Binding-fingers 13 are stamped out integral with the strip 1 and are bent at substantially right angles to the inner face of said strip to project through suitable openings formed in leaves (not shown) to be inserted between the side flanges 7 into engagement with the outer edge 14 of the opposite flange, said fingers being formed at their outer ends with hooks 15 and also bent, so that they must be sprung out of their normal position to engage the hooks with said edge which is formed by doubling the metal of the flange upon itself, making a round smooth surface, and will thus by said spring action yieldingly hold the hooks in engagement with said edge.

The back, side flanges, hinge, and binding-fingers being all formed from the two strips of stamped sheet metal make the device very cheap, simple, and light, and by forming the eyes for the hinge so that they project inward, leaving the outer surface smooth, and carrying the flexible protecting-back covering 9 around the back, the book presents the appearance of being constructed in the ordinary manner. Other means than the pronged metal strips may be used to secure the covers to the back; but I prefer the construction shown, as it is inexpensive, holds the covers firmly in place, and permits the covers to be quickly detached at any time when they have become worn.

Having thus fully described my invention, what I claim is—

1. In a loose-leaf book, the combination with covers, of strips of sheet metal hinged together at one edge and curved adjacent to said hinge to form a back with said hinge extending along its longitudinal center line and to form side flanges to which the covers are secured, and binding-fingers to extend between and engage the free edges of said flanges.

2. In a loose-leaf book, the combination with covers, of strips of sheet metal hinged together at one edge to form a back and side flanges to which flanges the covers are secured, and yielding binding-fingers formed integral with one flange and adapted to engage the free edge of the opposite flange.

3. In a loose-leaf book, the combination with covers, of side flanges to which the covers are secured, said flanges being curved toward each other along one edge, inwardly-
5 turned eyes formed along said curved edges, a pintle to engage said eyes, and integral binding-fingers on one flange formed with hooks at their free ends and bent to yield-
10 ingly hold said hooks engaged with the free edge of the opposite flange.

4. In a loose-leaf memorandum-book, the combination with covers, of a protecting-back uniting said covers consisting of two strips of leather or other pliable material, metal secur-
15 ing-strips inserted between the strips forming the protecting-back, metal strips hinged connected at one edge and curved adjacent to said hinge to form a rounded back having

the hinge extending along its longitudinal center line and to form side flanges having 20 openings, binding-fingers formed integral with the free edge of one flange and provided with hooked ends to engage the opposite flange, and prongs struck up from the secur-
25 ing-strips extending through the openings in the flanges and clenched down upon the inner surface of said flanges to secure the covers to the flanges and the protecting-back over the metal back.

In testimony whereof I affix my signature 30 in presence of two witnesses.

EDWARD C. SUCKERT.

Witnesses:

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