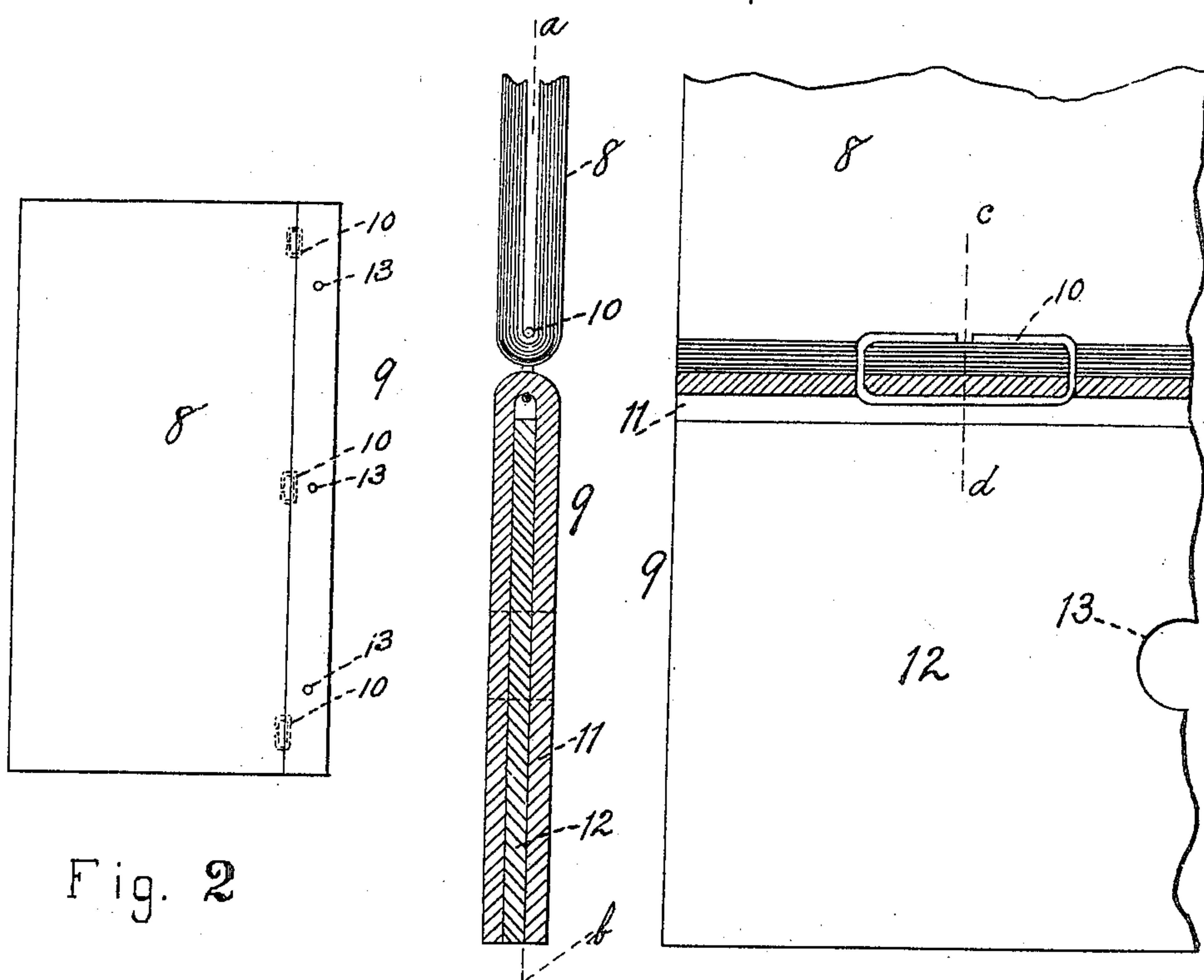
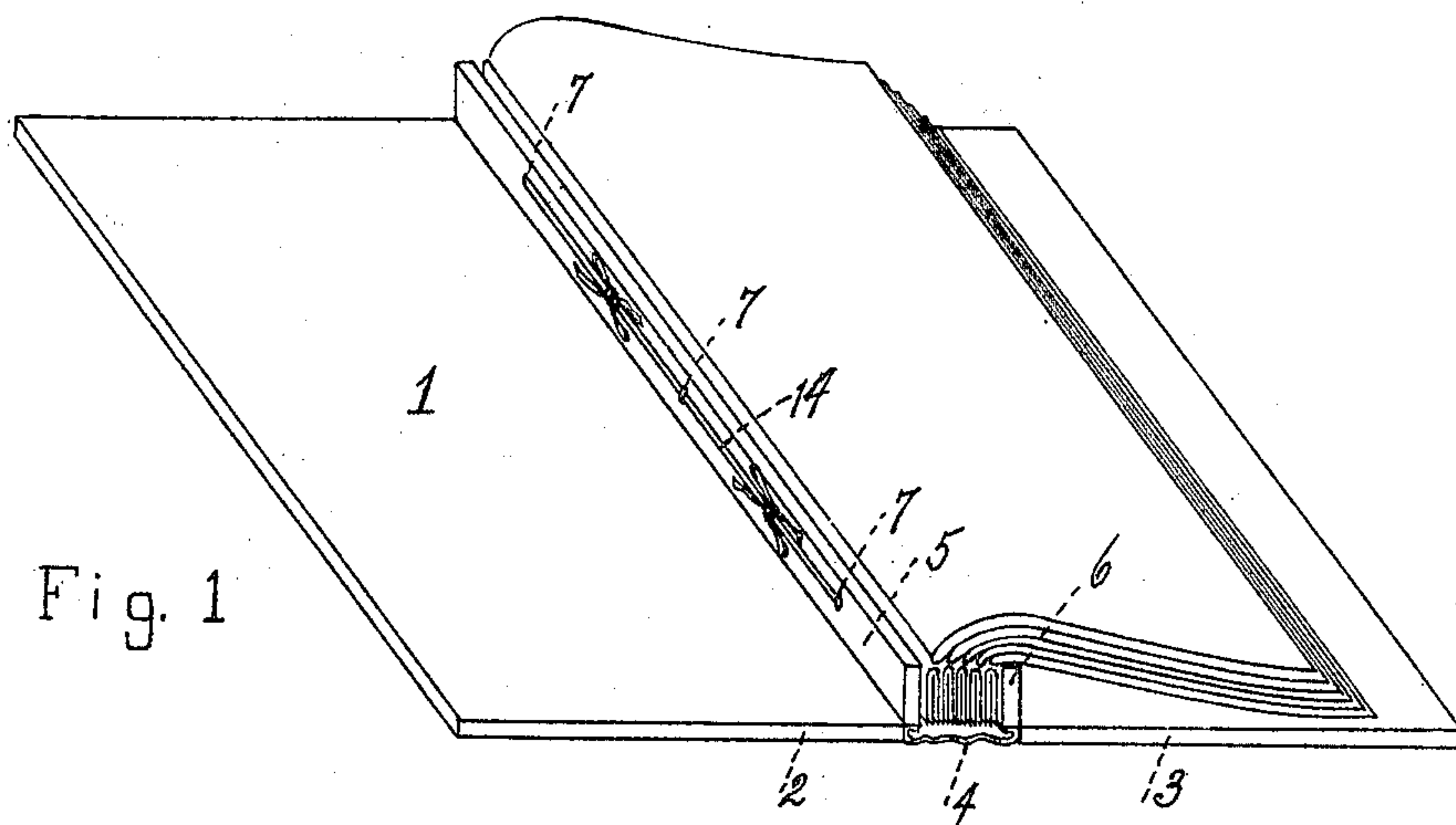


No. 812,798.

PATENTED FEB. 13, 1906.

E. J. MEISENHEIMER.
FOLDER AND BINDING.
APPLICATION FILED JAN. 9, 1905.



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FOLDER AND BINDING.

No. 812,798.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed January 9, 1905. Serial No. 240,346.

To all whom it may concern:

Be it known that I, EDWARD J. MEISENHEIMER, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Folders and Binding, of which the following is a specification.

The invention relates to a means for temporary or permanent binding of advertising or descriptive folders or of any folded sheets of paper or other material, either blank or printed or written, which sheets are made up into folders for distribution at intervals to be bound within a loose-leaf binder on receipt thereof by the individuals to whom they are sent.

A primary object of the invention, in connection with the gradual acquisition of folders, is to provide a means for binding them so that the bound volume will be flexible and open "flat"—that is, the volume may be opened at any page and being placed upon any flat surface will remain open at that page without any tendency to close, as with an ordinary bound book, due to the stress the book is placed under in opening and the elasticity of its parts.

The folder and binding may be used in numerous other ways and serve many other purposes than those above specified.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is an isometric view of an open binder retaining several folders or signatures in place. Fig. 2 is a side view of a folder and attached binding-strip. Fig. 3 is a transverse sectional enlarged view of a folder and binding-strip, taken on line *c d*, Fig. 4. Fig. 4 is a longitudinal sectional enlarged view of a folder and binding-strip, taken on line *a b*, Fig. 3.

In the practice of my invention folders with binding-strips attached, as shown in Fig. 2, are distributed to individuals having temporary binders 1, within which they are bound, as hereinafter described. Any ordinary form of binder 1 may be used, and that shown consists of covers 2 3, connected by a flexible back 4. At the lines of connection between the covers 2 3 and the back 4 are holding-strips 5 6, flexibly attached to the covers. The holding-strips 5 6 have perfora-

tions 7 7 for attachment of the folders or signatures 8. The folders 8 are prepared for attachment within the binder 1 by having binding-strips 9 attached thereto with staples 10 or flexibly attached by stitching or other convenient means. The binding-strips 9 are composed of heavy paper or cardboard 11 or may be of composite material, such as linen and paper pasted together. This paper, cardboard, or composite material 11 is shown on the drawings as a single strip stapled to the folder 8 by the folder-staples 10. The strip 11 is then longitudinally folded back upon itself and its folds united by pasting together directly or to an intermediate filler-strip 12 of any convenient material. The purpose of the filler is to make the binding-strip 9 of approximately equal thickness to that of the folder 8, these binding-strips 9 having perforations 13, so as to register with perforations 7 in the holding-strips 5 6 of the binder 1 when the folders or signatures 8 are in place within the binder. Instead of the perforations 13 in the strips 9 any other binding means may be used to coact directly with the binding-strips 9.

It will now be obvious to one skilled in the art how the invention is utilized. The folder 8, with its flexibly-attached binding-strip 9, is placed with others within the binder 1, and the folders form the signatures of the binding. The binding-strips 9 are placed between the holding-strips 5 6, with the perforations 13 registering with the perforations 7. Lacing 14 is then looped through each two consecutive series of perforations and tied, thus securely retaining the binding-strips 9 between the holding-strips 5 6, or the fastening may be by other means, as by a double-fang brass fastener passed through each series of perforations 7 13 7 and its fang ends splayed apart each ninety degrees into a plane at right angles to the fastener-shank and snugly against the holding-strip. The volume thus prepared may be either temporary or permanent. In either case the volume may be "knocked down" in a very short time and re-assembled again, either to rearrange the order of signatures or to add other folders or signatures.

In accordance with the patent statutes I have disclosed one embodiment of my invention; but I do not wish to be restricted to

the specific means disclosed, as my invention may be carried out by other means.

What I claim is—

1. As an article of manufacture, a folder,
5 and a folded binding-strip flexibly attached to the folder, the folds being integrally united to each other.

2. As an article of manufacture, a folder, a folded binding-strip, and a filler, the folds

being integrally united to each other through 10 the filler.

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

EDWARD J. MEISENHEIMER.

Witnesses:

G. N. DE WEIN,
JOHN DAY, Jr.