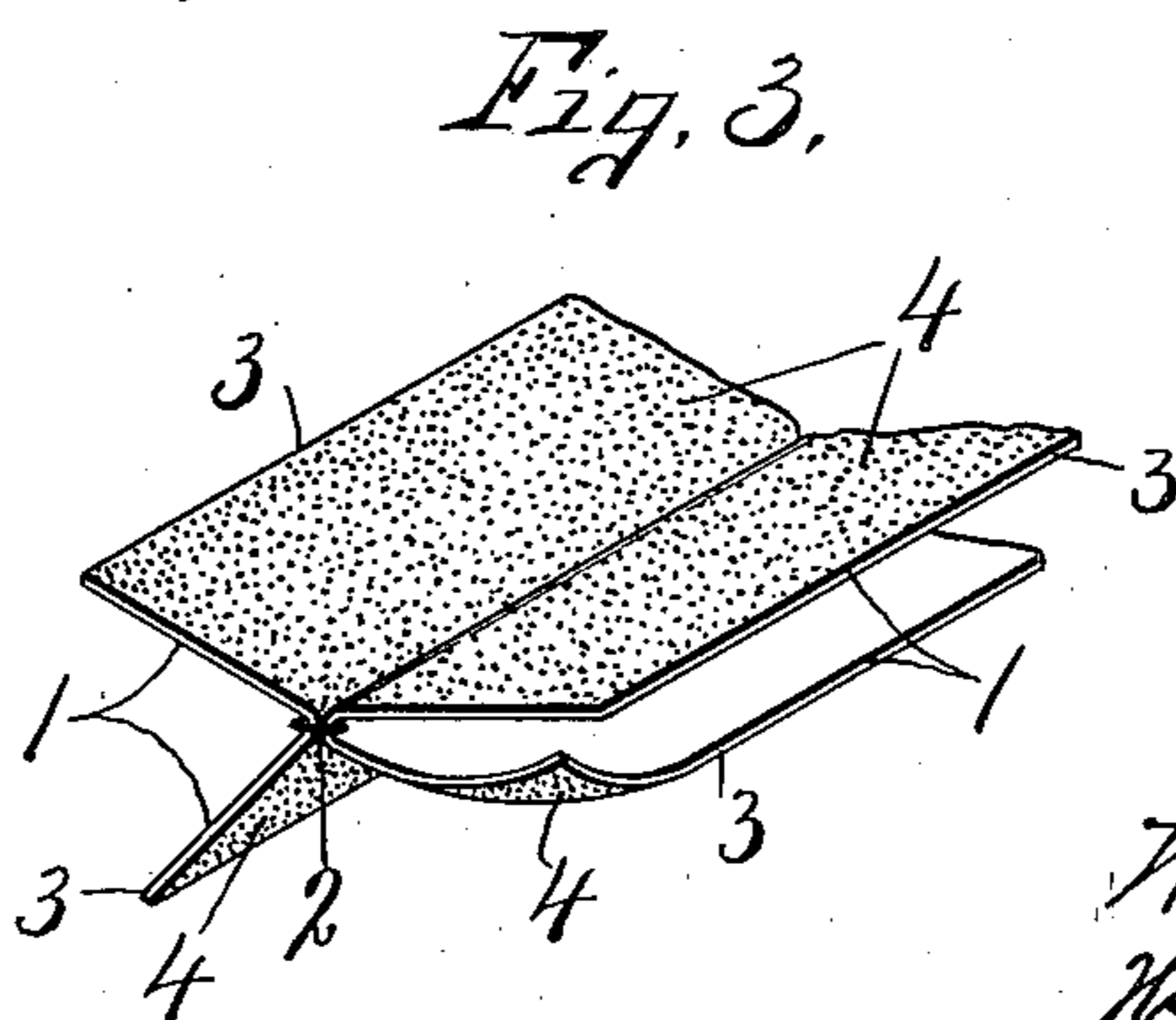
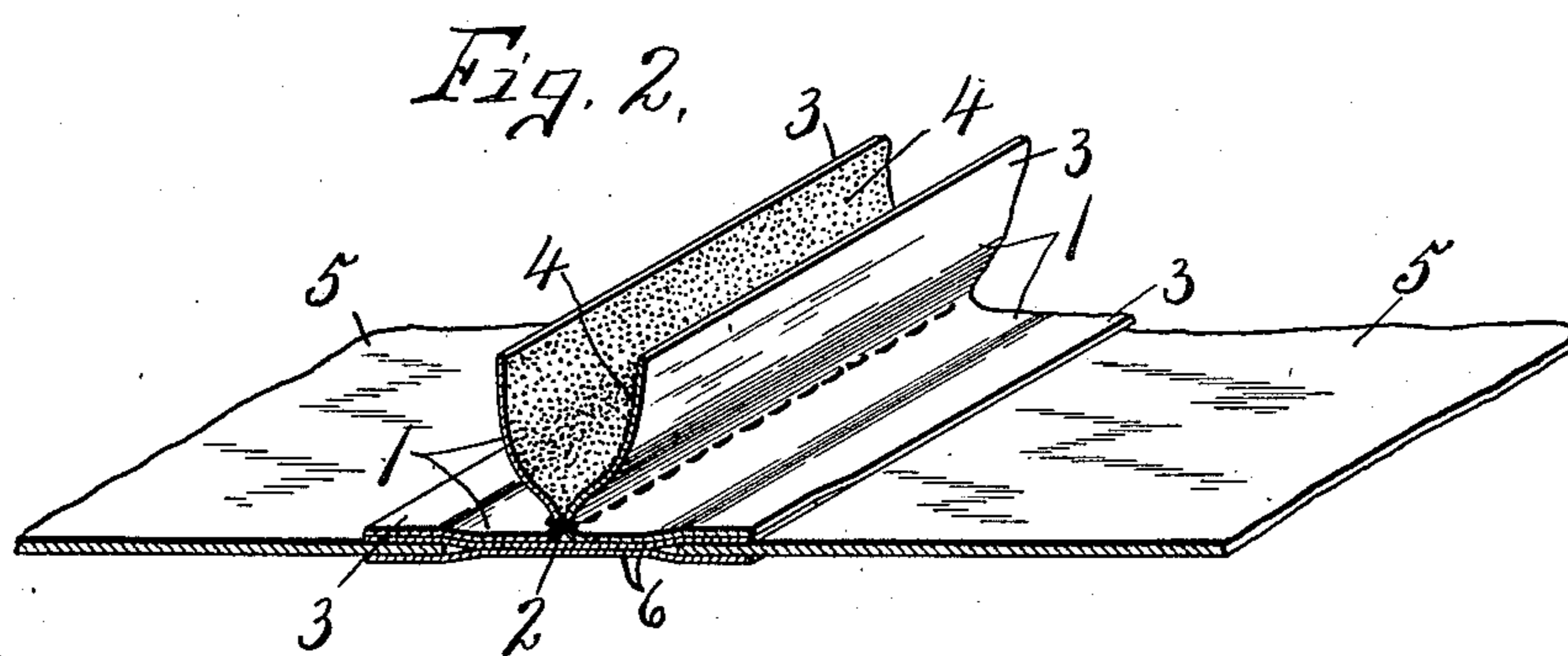
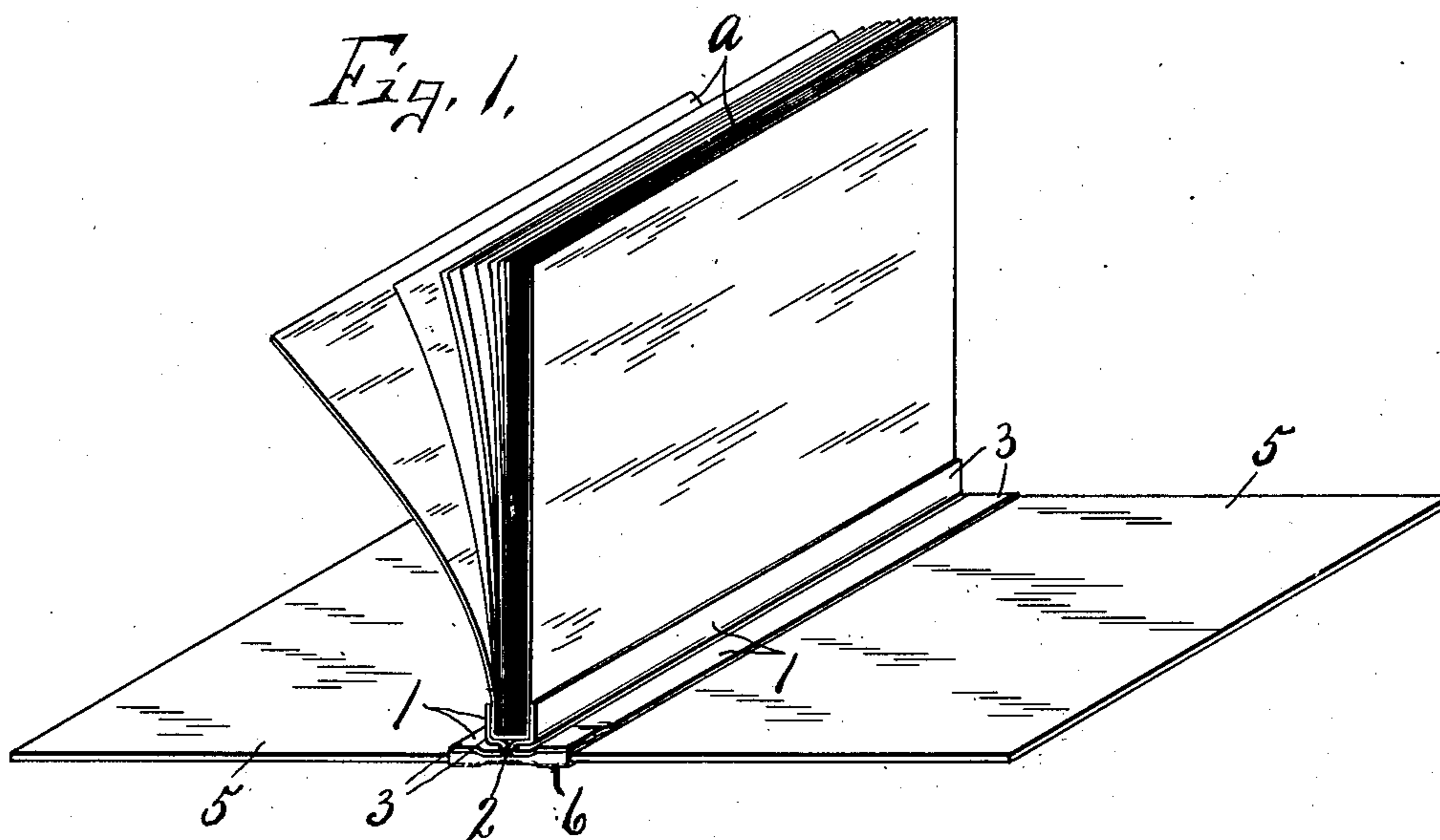


No. 877,188.

PATENTED JAN. 21, 1908.

W. E. & H. J. GAYLORD.
BOOKBINDING.

APPLICATION FILED JAN. 22, 1907.



Witnesses.

V. A. Thomas
W. O. Chase

Inventors
W. E. Gaylord
H. J. Gaylord

Howard P. Benson
Attorney.

UNITED STATES PATENT OFFICE.

WILLIS E. GAYLORD AND HENRY J. GAYLORD, OF SYRACUSE, NEW YORK.

BOOKBINDING.

No. 877,188.

Specification of Letters Patent.

Patented Jan. 21, 1908.

Application filed January 22, 1907. Serial No. 353,559.

To all whom it may concern:

Be it known that we, WILLIS E. GAYLORD and HENRY J. GAYLORD, both of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Bookbinding, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to certain improvements in bookbinding, and refers more particularly to the structure of the back by which two or more leaves may be bound together or retained in fixed relation along one edge.

Our object is to provide a simple, practical and efficient binding whereby anyone skilled or unskilled in this art may speedily and economically bind together a series of loose leaves, such as music-sheets, magazines and similar matter, together with suitable covers for the preservation and protection of such matter.

Another object is to stitch the binding elements together and to adhesively apply them to the covers and leaves of the book or other articles to be bound, in such manner as to render the binding flexible without unduly straining the binding at its junction with the back or bound parts.

In the drawings,—Figure 1 is a perspective view of a magazine showing my improved binding as uniting the covers to the outer leaves of the magazine. Fig. 2 is a perspective view, partly in section, of the binding shown as applied to the covers ready to receive a magazine or other leaves. Fig. 3 is a similar perspective view of a portion of the detached binding.

This binding consists essentially of two pieces —1— of fabric or equivalent tenacious material, each folded along its longitudinal center, both of said pieces being united by suitable stitches —2— for convenience of handling. These binding strips are cut to the desired length corresponding to the length of the sheets or book which is to be bound, and by folding them along their longitudinal centers each strip constitutes two comparatively narrow, but similar leaves —3—, the outer faces of which are coated with a suitable adhesive, as mucilage, or printers' paste —4— while their inner faces are preferably left in the natural state so that when the strips are secured together along their longitudinal folds by the stitches —2—,

the adhesive coating will appear on the upper or front faces of the strips, and also upon their lower or rear faces; that is, when the leaves —3— of the opposite strips are folded toward each other, the adhesive coating is on their adjacent faces. It therefore follows that by moistening the adhesive surfaces of the lower leaves of the opposed strips they may be spread out flatwise, and adhesively secured to the inner faces of the contiguous longitudinal edges of the backs or cover pieces —5— of a book, while the outer or upper leaves of said opposed strips may be brought upwardly and similarly moistened and adhesively secured to the opposite faces of the back longitudinal edge of the magazine or leaves which are to be bound, as best seen in Figs. 1 and 2. The essential feature of invention, therefore, lies first—in folding similar strips of the fabric along their longitudinal centers and stitching the folding edges together, and second, in applying an adhesive coating to the outer faces of the opposite leaves of each fold when folded upon themselves, so that the corresponding leaves at one side of each strip may be adhesively secured to the inner faces of the covers —5— while the opposite leaves of both strips may be adhesively secured to the leaves of the magazine or other similar book.

As clearly shown in Figs. 1 and 2, the covers —5— are united by a back-piece —6— of suitable fabric to give a finished appearance to the book or folder, and while this in itself, does not constitute a part of my invention, except as associated with the covers and particular binding strips, it nevertheless adds to the security and general pleasing appearance of the entire book when completed.

What we claim is:

A binder for leaves comprising two fabric strips stitched together along their central longitudinal line, folded away from each other and provided with adhesive material on their upper and lower faces, combined with covers, and back strips secured to opposite faces of the covers, the lower face of each of said fabric strips secured to one of said back strips.

In witness whereof we have hereunto set our hands this 18th day of January, 1907.

WILLIS E. GAYLORD.
HENRY J. GAYLORD.

Witnesses:

H. E. CHASE,
C. M. McCORMACK.