

No. 848,242.

PATENTED MAR. 26, 1907.

A. G. HOELSCHER.
TEMPORARY BINDING DEVICE.

APPLICATION FILED AUG. 26, 1903.

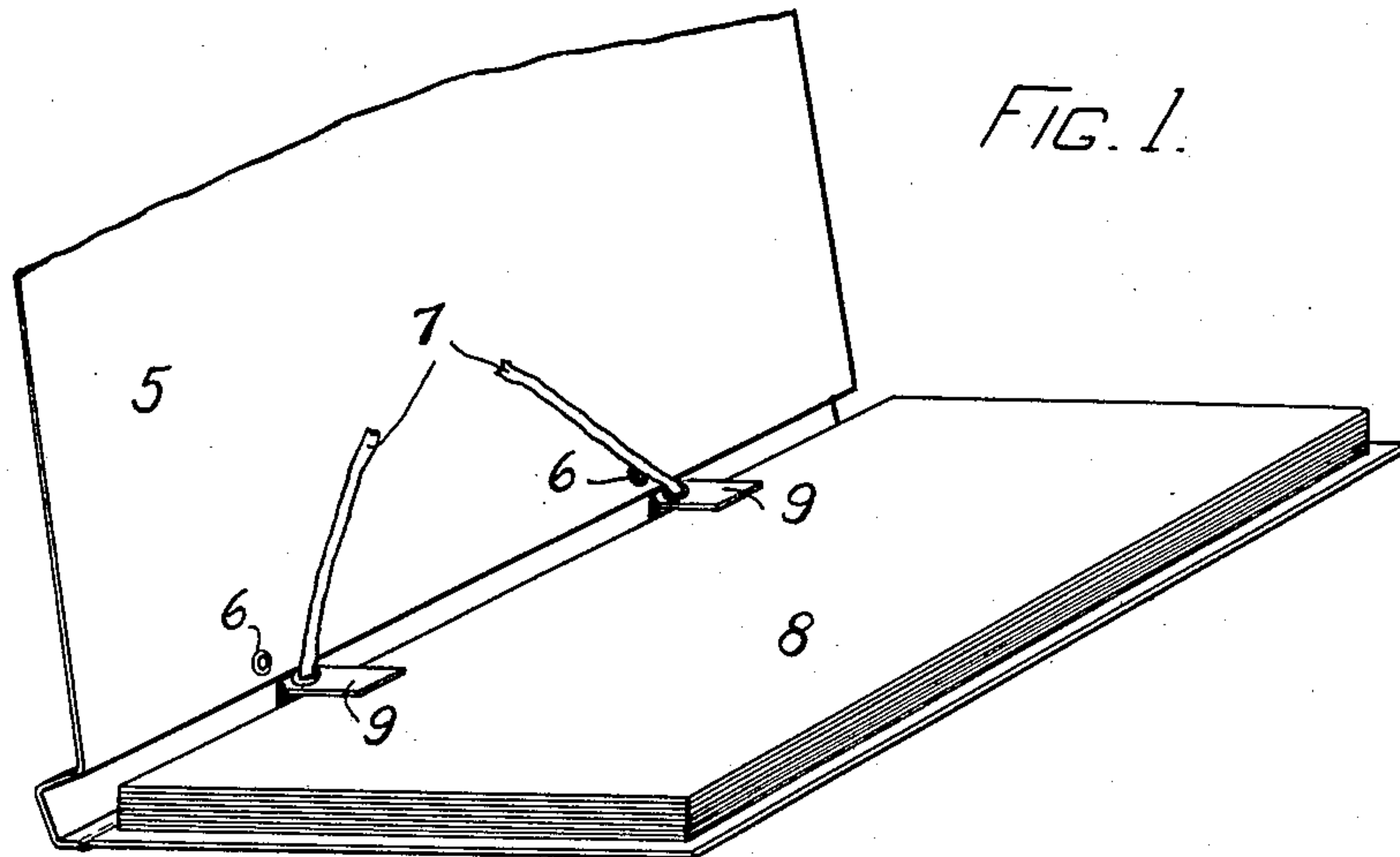


FIG. 1.

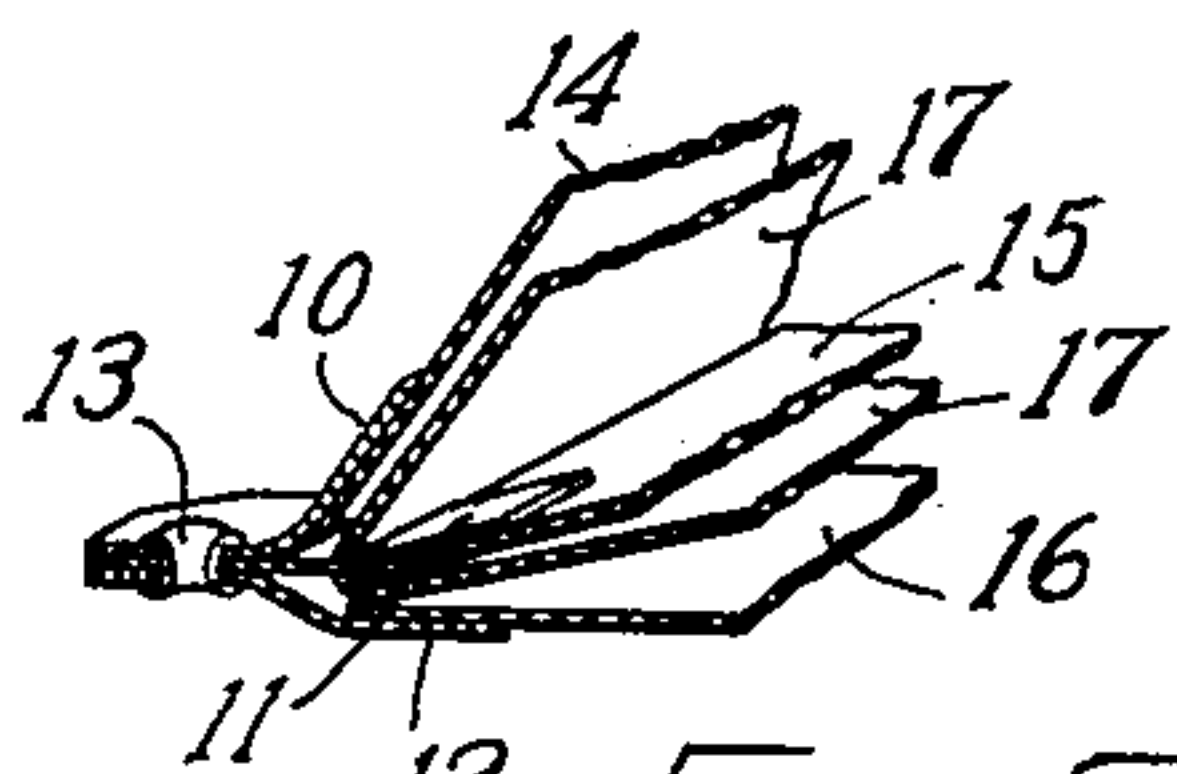


FIG. 2.

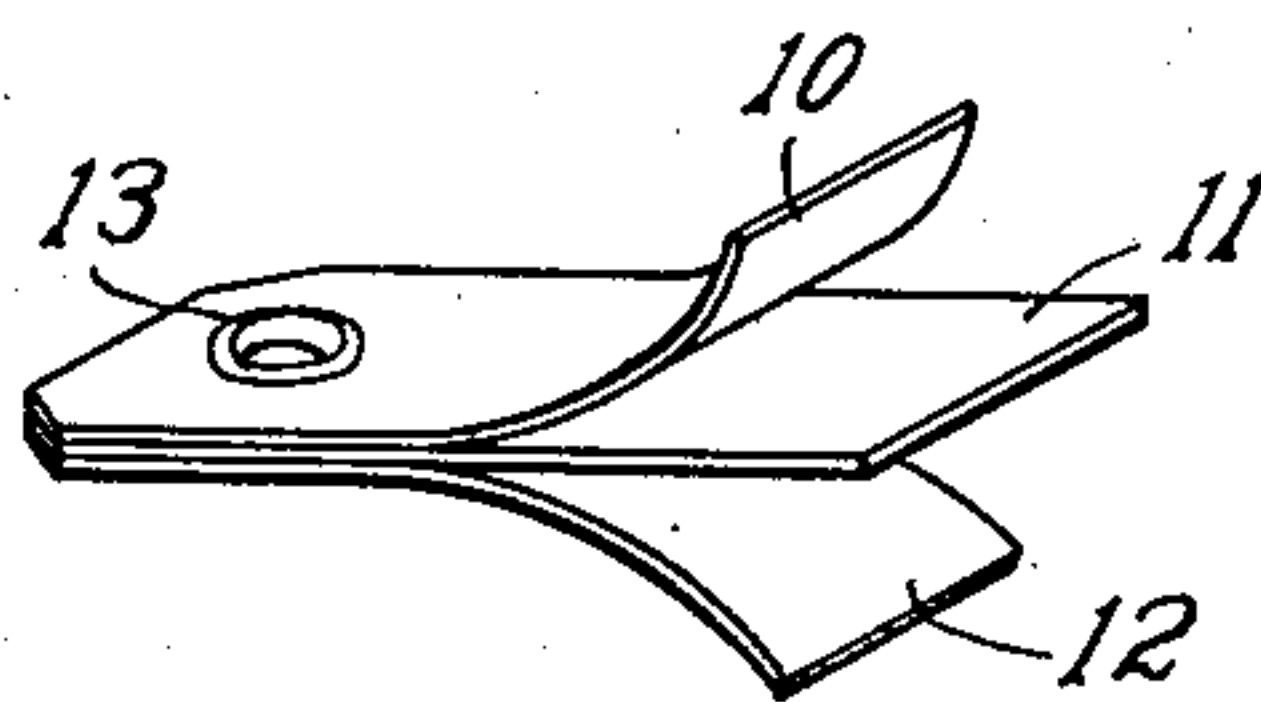


FIG. 3.

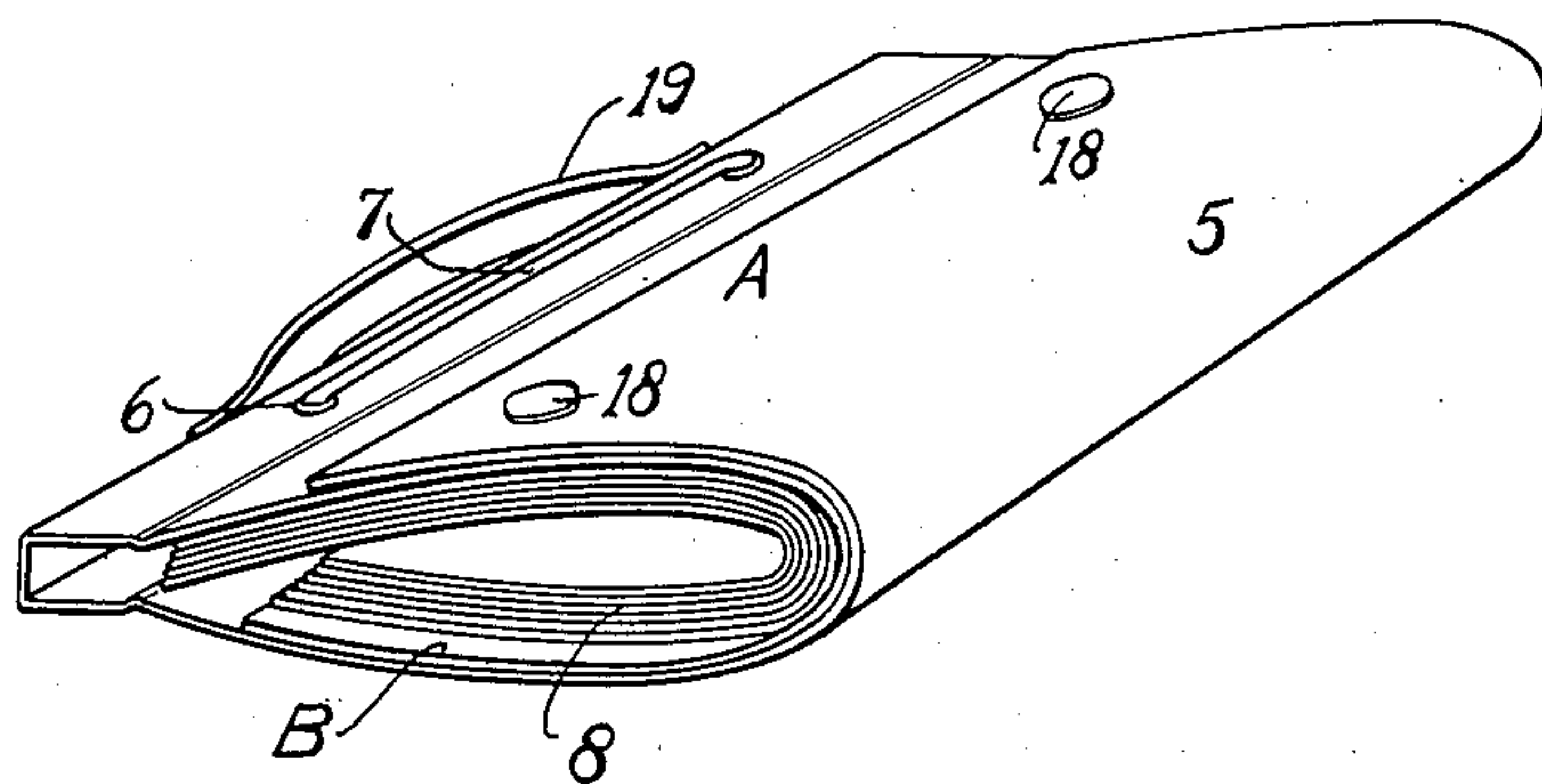


FIG. 4.

WITNESSES

A. T. Palmer

W. C. Covey.

INVENTOR

Adolph G. Hoelscher
by N. H. Green
Attorney

UNITED STATES PATENT OFFICE.

ADOLPH G. HOELSCHER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO
ALFRED T. PALMER, OF BOSTON, MASSACHUSETTS.

TEMPORARY-BINDING DEVICE.

No. 848,242.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed August 26, 1903. Serial No. 170,864.

To all whom it may concern:

Be it known that I, ADOLPH G. HOELSCHER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Temporary-Binding Devices, of which the following is a specification.

The object of my invention is to provide a simple, cheap, and durable device for filling, uniting, or carrying sheets of music, pictures, legal documents, or any like material of suitable form or shape.

In the drawings, Figure 1 is a perspective view of my binder, showing a number of sheets or folios in position. Fig. 2 is a sectional perspective through the middle of one of my composite binding-tabs, showing it applied to a combination of folio and single sheets, fragments of which are shown in section. Fig. 3 is a perspective view of one of my binding-tabs. Fig. 4 is a perspective view showing the complete invention with the flexible covers reversely folded and secured for easy transportation.

5 is a cover, of some durable material, comprising broad sides, a central back, and intermediate hinge-like connecting portions 20, each having punched in it perforations 6, with eyelets for the passage of the wire, string, or tape 7, which secures the tabs on which the various sheets or combinations of sheets, folios, &c., 8 are threaded.

9 9 are gummed tabs, which are made of two or more (preferably three) superposed leaves 10 11 12, of linen or other strong flexible material, gummed on one side and all fastened together at one end by a central eyelet 13, through which eyelet passes the temporary-binding cord 7, connecting the folios to the back or cover, as before mentioned. The two outside leaves of the tab are preferably gummed on their inner surfaces, the rest on either side, at will, and, having the stiffness peculiar to gummed linen, they may be readily introduced separately and endwise through slits formed at the fold of sheet-music and the like. It will be noticed as a special advantage of this tab, with a plurality of these superposed leaves eyeleted together compressibly at one end, that each leaf has an adhesive surface of the full width of the entire tab and abundant strength to connect

the sheets or folios to each other and to the cover and that since the eyelet 13 is located in the transverse center line the strain of use is in the direct plane of the perforation or eyelet and equally on each side of said plane.

On examination of Fig. 2 it is clear that with three leaves to the tab any of the following combinations of sheets can be secured to the tab and mounted for binding: first, three loose sheets, as 14 15 16, each gummed to a separate leaf of the tab; second, three loose sheets, as 14 15 16, with any number of folios 17, by making incisions in the folds of the several folios for the passage of the leaf 11 of tab 9, which is then gummed to the loose leaf within the innermost folio; third, two loose sheets, as 14 16, and any number of folios 17 by making incisions, as above described, in all the folios except the inner one and adhering leaf 11 to the outside of either one of the leaves of this folio, according to which side of leaf 11 is gummed; fourth, any number of folios 17, with or without a central single sheet 15. These tabs are spaced according to the spacing of eyelets 6 in the cover, two being sufficient if all the sheets are of one size, although any number may be used, thus enabling me to bind into the same cover sheets of varying sizes. A pair of these composite tabs without a cover will serve efficiently to bind together a number of distinct sheets—such as engravings, mounted photographs, &c.—since the broad strong flexible leaves well gummed and firmly united by the eyelet form sufficient hinges for the single sheets, connecting them in a series.

By making the covers of my binder flexible I can form the whole into a roll suitable for carrying and without removing any of the sheets. The method of folding is shown in Fig. 4 and consists in folding all the sheets or folios 8 and one cover B in one direction and then folding over these the other cover A in the opposite direction, thus making a double thickness of flexible cover outside. The two covers are then fastened to each other to secure them in this folded superposed position by any suitable means, as by snaps 18 18, consisting of the usual stud and circular cap near the free edge of the outer cover. A handle 19 may be provided for greater facility of carriage. I apply this method of form-

ing a portable roll to a set of sheets, folios, or signatures, which are or may be permanently bound within flexible covers.

I claim as my invention—

5 1. The composite tab described, composed of three superposed leaves of gummed textile fabric, permanently united at one end by a centrally-arranged eyelet, the two outer leaves being gummed on opposite surfaces
10 and adapted at their free ends to adhere to the outer sheets of a folio, the free end of the central leaf being of suitable stiffness and adapted for insertion through a slit in the folded edge of said folio, for the purpose of
15 adhesion to a central sheet, whereby intermediate folios may be held in place, substantially as set forth.

2. A carrying device for sheet-music or other folios, comprising a flexible cover, com-
20 posite tabs suitably secured to said cover and having gummed leaves each adapted for adhesion to a separate sheet or folio, and fastening devices applied to the flexible covers, in position to engage and disengage repeat-

edly when one cover is folded with the sheets 25 or folios in one direction, and the other cover is folded over them in the opposite direction, substantially as set forth.

3. The combination of an inclosing cover adapted to receive a number of sheets or 30 folios to be bound into said cover, and gummed tabs each consisting of a plurality of superposed leaves permanently fastened together at one end by a centrally-arranged eyelet, each of said leaves being adapted to 35 adhere at its free end to a sheet or folio, the folded edge of said folio being provided with slits for the passage through the same of some of said leaves, and means for securing said tabs to said cover, substantially as set 40 forth.

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

ADOLPH G. HOELSCHER.

Witnesses:

A. T. PALMER,
A. H. SPENCER.