

B. J. BECK.
Temporary-Binders.

No. 153,526.

Patented July 28, 1874.

Fig. 2.

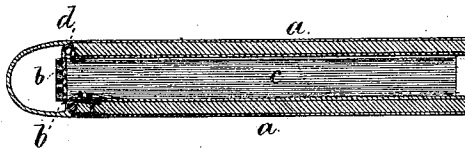
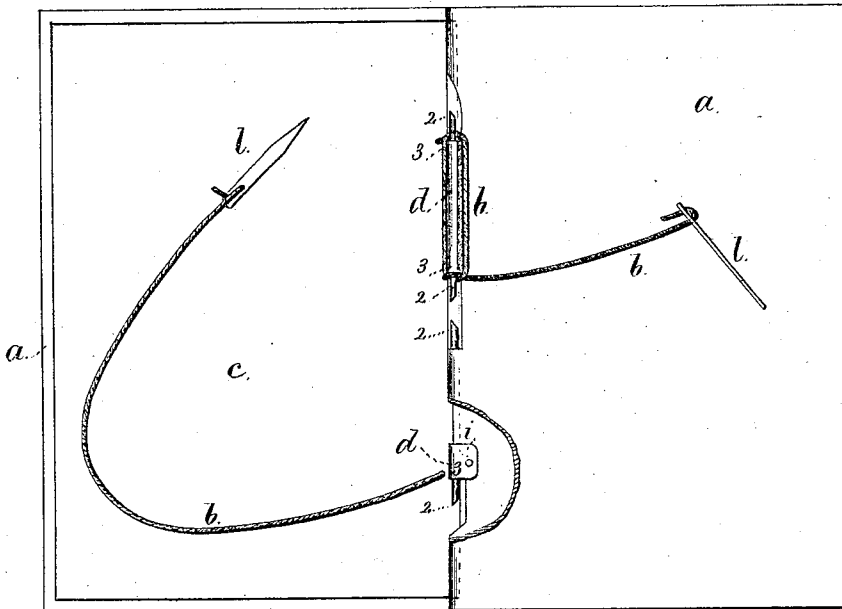


Fig. 1.



Witnesses

Chas. H. Smith
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Inventor

Bernard J. Beck.
for *Lemuel W. Ferrell*
att'y.

UNITED STATES PATENT OFFICE.

BERNARD J. BECK, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN TEMPORARY BINDERS.

Specification forming part of Letters Patent No. **153,526**, dated July 28, 1874; application filed May 5, 1874.

To all whom it may concern:

Be it known that I, BERNARD J. BECK, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Temporary Binders, of which the following is a correct description:

This improvement is made with reference to securing sheet-music, newspapers, and similar sheets into a binder or cover, so that they can be added to from time to time or removed with great facility.

Binders for sheets have been made of metallic strips secured in the flexible material near the back edges of the board-covers, and the strings have been passed through holes in these metal strips, and wound around bent-wire fastenings, but these bent wires are liable to injure the sheets, and do not hold the cords firmly.

My invention consists in a binder made with the back edges of the cover notched, and straight or nearly straight wires inserted in line with such back edge, and forming hooks around which the cords of the binder are passed, so that the back edges of the cover are clamped against, and press upon the sheets by the tension of the cords, and the hooks do not come into contact with the sheets in a manner to injure them in the least.

In the drawing, Figure 1 is a view of the binder open, with one of the strings wound over its hooks, and the other string lying loosely, so as to show the hooks; and Fig. 2 is a section at the back through the hooks.

The covers *a a* are of any desired size, and adapted to receive one or more strings, *b*, for securing the sheets *c* of paper or other material. Each hook *d* is made with an end, 2, that is parallel, or nearly so, with the back edge of the cover *a*, and with a shoulder, 3, that is at right angles, or nearly so, in order that the cord *b* may be wound over these hooks, and drawn firmly against the shoulders, without any risk of separating the hook from

the cover, the hooks standing in opposite directions, as shown. The hooks and connections to the cover may be of wire bent into the L shape required, so that one leg may enter the cover and be secured, but I prefer to employ the clamping-plate *i* that is of thin sheet metal, and incloses the end of the wire forming the hook, and is firmly riveted to the cover, and the cover should be notched contiguous to the hook sufficiently to allow for introducing the string. Both covers may be provided with two or more pairs of these reverse hooks, or where only one string is used, one pair of hooks on one cover, and two pairs upon the other cover, allow the cord to be passed through the sheets at two places, there being a needle, *l*, with a double eye at each end of the string. When any sheet is to be removed the needles can be taken off the strings, and the strings drawn out, or else the sheet can be removed by drawing out the wire introduced in the fold of the sheet, the sheet being notched for the cords. After the sheets have been introduced upon the strings, these strings are drawn sufficiently tight and wound over the respective pairs of hooks, and then drawn through between the edge of the cover, and one or more convolutions of the string, so as to secure the covers firmly against the sides of the sheets similarly to an ordinary book.

I claim as my invention—

The binder made with wires attached in the plane of the cover, and in line with the back edge thereof, and the cover notched near the ends of the wires to allow the fastening-cords to be passed around the hooks formed by the ends of the wires, substantially as set forth.

Signed by me this 30th day of April, A. D. 1874.

B J. BECK.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.