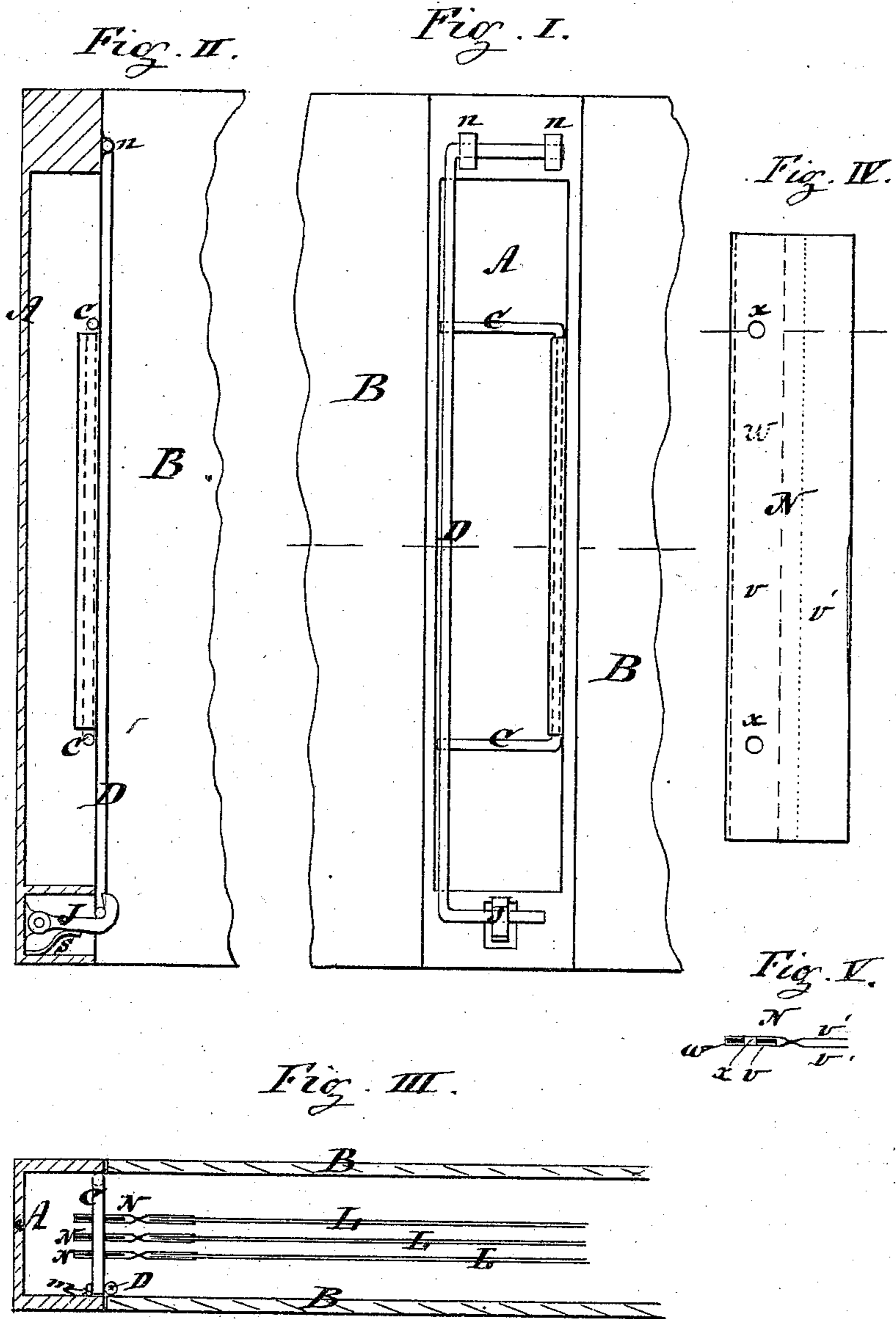


H. A. BEHN.
Temporary-Binders.

No. 150,391.

Patented May 5, 1874.



Witnesses.
C. Thornton
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UNITED STATES PATENT OFFICE.

HENRY A. BEHN, OF TROY, NEW YORK.

IMPROVEMENT IN TEMPORARY BINDERS.

Specification forming part of Letters Patent No. 150,391, dated May 5, 1874; application filed March 20, 1874.

To all whom it may concern:

Be it known that I, HENRY A. BEHN, of the city of Troy, in the State of New York, have invented a new and Improved Temporary Binder, of which the following is a specification:

The nature of my invention consists in the construction of a case forming the back of the book, to which flapping covers are attached, and which said case is provided with two or more hinged pins, securely fastened by a spring-bar attached to the inside of said case. Upon these hinged pins partly-flexible back-pieces are placed, (as many as the case will hold,) to which the papers, letters, music, or other papers to be preserved in book-shape can be attached by means of gum or paste. By this arrangement any sheet or piece of music can easily be taken out and replaced by others, and, when the book is opened and placed on the table or music-stand, the pages will, on account of the peculiar construction of the flexible back-pieces, lie perfectly flat.

In the accompanying drawing, Figure I represents the inside of case when the book is open, with the flexible back pieces-removed, embodying my invention. Fig. II is a longitudinal section of the same. Fig. III shows a horizontal section of the same. Figs. IV and V represent side view and section of the back-piece.

A is a case, made of metal or strong paste-board, and forming the back part of the book, and having on its front flapping covers B B, attached so as to open and close similar to a book. On one side, at the inside of the case A, two or more pins, C C, are hinged, extending the whole width of the case, and resting, when closed, upon small projections *m*, attached on the opposite side in the case A. (See Fig. III.) On the top of the case A a bar, D, is hinged at *n n*, resting upon the outer ends of the pins C C, so as to keep the same down in their places, and fastened on the bottom or lower part of the case A by means of a hook, J, acted upon by a spring, S, arranged in the lower part of the case A.

By this arrangement the pins C C will be se-

curely locked in their places; and, by removing the hook J from the end of the bar D, the same can be turned clear of the pins C C, allowing the same to be turned upward for the purpose of removing any one of the back-pieces N, and replacing the same by others.

The back-pieces N consist of an internal strengthening-piece, *w*, made of metal, wood, or heavy pasteboard, and covered by cloth *v*, or any other suitable and flexible material. Suitable holes *x x*, corresponding in size and position with the projecting pins C C, are made through the strengthening-piece *w* and the cloth or other covering *v*, to fit easily over said pins C. Some little distance from the front edge of the piece *w* the covering *v* is sewed together, and the same is made sufficiently wide to allow the ends *v' v'* to project about one-quarter or one-half of an inch. The insides of these projecting ends *v' v'* are gummed, so that, by being moistened, any paper or sheet of music will readily adhere to the same. These back-pieces N are placed upon the pins C C, (see Fig. III,) so as to fill the whole inside of the casing A, when the pins C, together with those back-pieces, are turned down, and securely locked by means of the bar D, as above described, when the binder is completed, and any sheets of music or paper L may then readily be attached.

The seams where the covering is sewed together being some distance from the stiffening-piece *w*, the sheets L, whenever the book is opened, will lie perfectly straight and flat against the flapping covers B, facilitating thereby the reading of the music, or any other writing on the sheets L attached to the same.

What I claim as my invention, and desire to secure by Letters Patent, is—

The case A with flapping covers B B, in combination with hinged pins C C, hinged bar D, and spring-hook J, all arranged and constructed substantially in the manner and for the purpose herein described and specified.

HENRY A. BEHN.

Witnesses:

HENRY E. ROEDER,
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