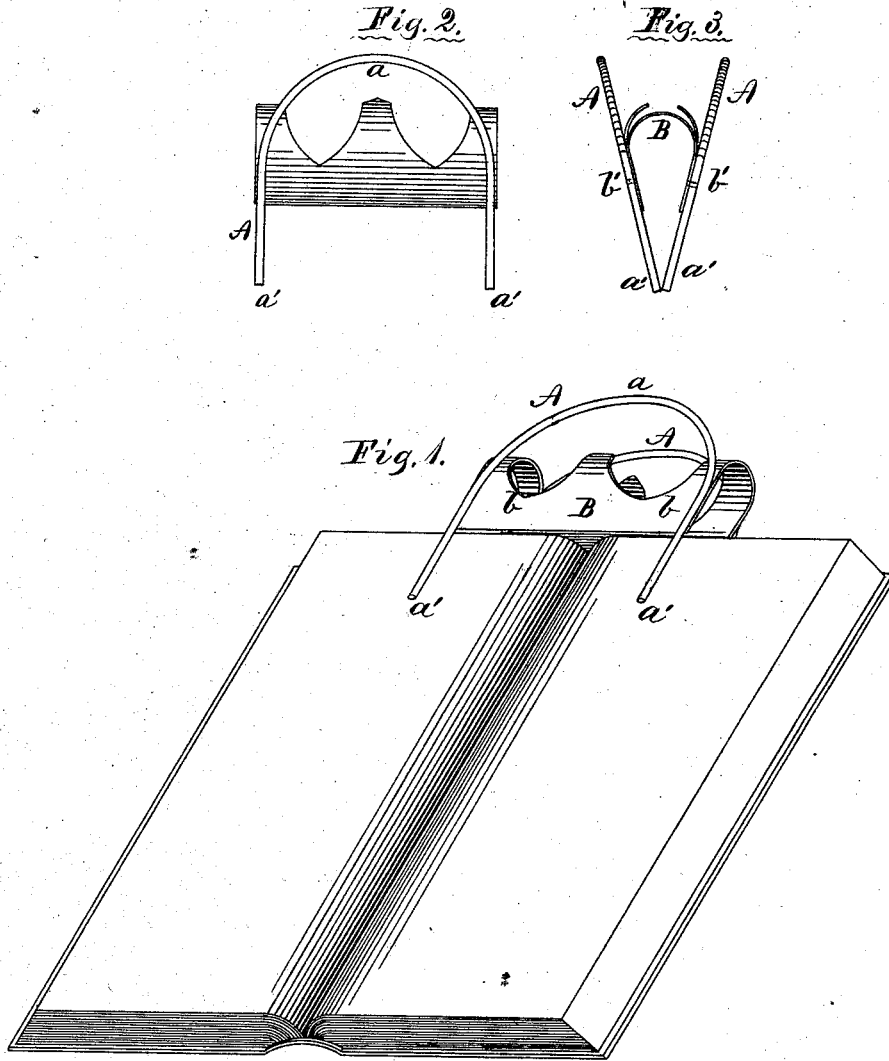


H. T. DUNLAP.
Book-Clip.

No. 160,886.

Patented March 16, 1875.



Witnesses:
A. M. Callum
D. G. Stewart

Inventor:
Henry T. Dunlap
by W. B. Richards
Atty.

UNITED STATES PATENT OFFICE.

HENRY T. DUNLAP, OF GALESBURG, ILLINOIS.

IMPROVEMENT IN BOOK-CLIPS.

Specification forming part of Letters Patent No. **160,886**, dated March 16, 1875; application filed January 2, 1875.

To all whom it may concern:

Be it known that I, HENRY T. DUNLAP, of Galesburg, in the county of Knox and State of Illinois, have invented certain Improvements in Book-Clips, of which the following is a specification:

This invention relates to improvements in book-clips; and it consists in a double-jawed clamp provided with a closing-spring, and so constructed that one pair of the jaws may be made to hold the leaves of one side of the book, and the other pair of jaws the leaves of the other side, the pairs of jaws connected with each other in such a manner that they may be operated simultaneously, all as hereinafter fully described.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of my invention in place on a book; and Figs. 2 and 3 are, respectively, side and end elevations thereof.

Referring to the parts by letters, letters A represent two bars similarly formed, their central parts *a* curved, as shown in the drawings, and their ends *a'* straight. B is a plate of spring-steel, cut away at *b b*, to graduate the spring, curved as shown, and connected by riveting at the points *b' b'* to the bars A. C is an ordinary book.

Reference to Fig. 1 will explain the operation of the invention almost without further explanation. By taking hold of the bars A at *a* they may be pressed together at that part and separated at the jaws *a'*. The jaws may then be placed on the book, as shown at said Fig. 1, and, the pressure being removed from the parts *a*, the spring *b* will draw the jaws of each pair of springs toward each other and clasp the leaves of each side of the book sufficiently close to retain them in the desired position.

The invention may be used for any class of books, but is intended more particularly for music-books. The jaws and connecting-arms may be made, if desired, of plate metal, and pressed or otherwise formed into any desirable configuration.

I claim—

The book-clip constructed, as described, of arms A, bent at their central parts *a*, as shown and described, and hinged to each other by means of a spring, B, with which they are combined and operate substantially as described, and for the purpose specified.

HENRY T. DUNLAP.

Witnesses:

W. B. RICHARDS,
CHAS. TUPPER.