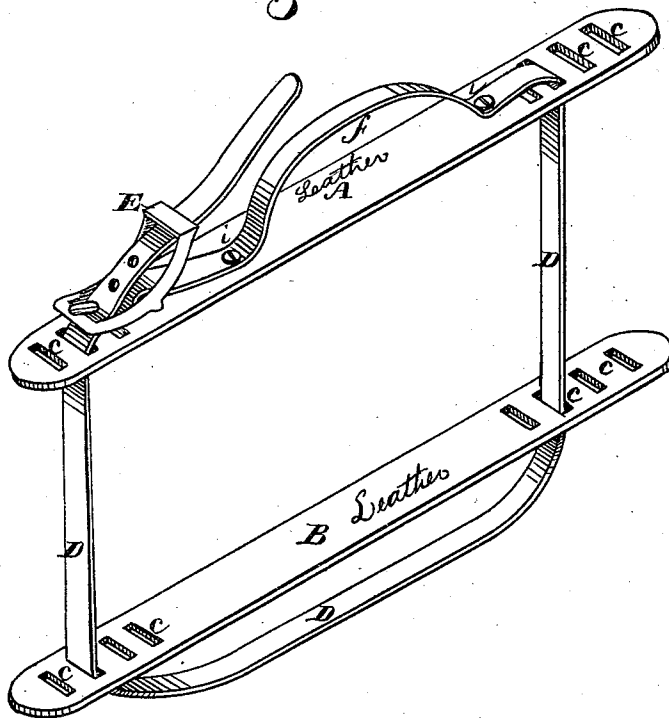


G. T. WOOD.
BOOK-CLAMPS.

No. 186,915.

Patented Jan. 30, 1877.

Fig. 1.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE T. WOOD, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN BOOK-CLAMPS.

Specification forming part of Letters Patent No. 186,915, dated January 30, 1877; application filed July 6, 1876.

To all whom it may concern:

Be it known that I, GEORGE T. WOOD, of San Francisco city and county, State of California, have invented an Improved Book-Clamp; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention without further invention or experiment.

My invention relates to an improved clamp or strap for binding several books together so that they can be readily carried about in a single bundle.

Referring to the accompanying drawing, Figure 1 is a perspective view of my improvement.

Let A B represent two pieces of leather or other flexible material of equal length, and of any desired width. The length of these pieces of leather will be governed by the general length of the books to be bound between them—that is, each of the pieces will be somewhat longer than the longest book. Each of these pieces I then provide with corresponding series of transverse slots *c c c*, which are placed at a short distance apart near each end, the slots in the ends of the two pieces corresponding with each other. D is a leather strap, which is of the proper width to pass readily through the slots *c c* in the pieces A B, and is long enough to pass around any ordinary sized bundle or number of books, such as children usually carry to and from school. On one end of this strap I secure a buckle, E.

In applying this strap it is passed down through one of the slots at one end of the upper piece A, then through the corresponding slot in the lower piece B; thence it passes along under the piece B, and up through one of the slots in the opposite end of the piece B, and then through the corresponding hole in that end of the piece A, while its two ends can be buckled together above the upper piece A, so that when the books to be bound to-

gether have been placed between the pieces A B, the strap D will completely encircle them, while the pieces A B form the clamping sides, and serve to prevent the strap D from injuring the edges of the outside books, over which it is strained.

I make the main strap act as a handle by placing in piece A the rivets *i i*, shortening up, so as to form the loop *f* in and continuous with the main strap D.

The strap D may be adjusted to suit books of different lengths by changing its position in the slots *c c*, at each end of the pieces A B, so as to shorten or lengthen its compass.

This book-strap is not only convenient and preserves the books bound in it from injury, but the pieces A B, being made of leather or other flexible material, will not scratch or indent the books, nor will it injure a school desk, slate, or other piece of furniture or article upon which the package of books is placed or moved about.

I am aware that shawl-straps have heretofore been made with flexible braces without slots for adjustment.

I am also aware that book-clamps have been made with rigid braces without adjustable slots, and having two straps to inclose the books, one strap having a metallic loop on its end, to engage over one end of the rigid bar, as shown in the patent to Boyce, April 16, 1875, and these I do not claim; but,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a book-clamp composed of the flexible braces A B, provided with adjusting-slots *c c c*, and a single strap, D, fastened to A by rivets *i i*, so as to form a handle, *f*, as set forth.

GEORGE T. WOOD.

Witnesses:

GEO. H. STRONG,
OLWYN T. STACY.