

(No Model.)

D. WAIDE.
BOOKBINDING.

No. 484,349.

Patented Oct. 11, 1892.

Fig. 1.

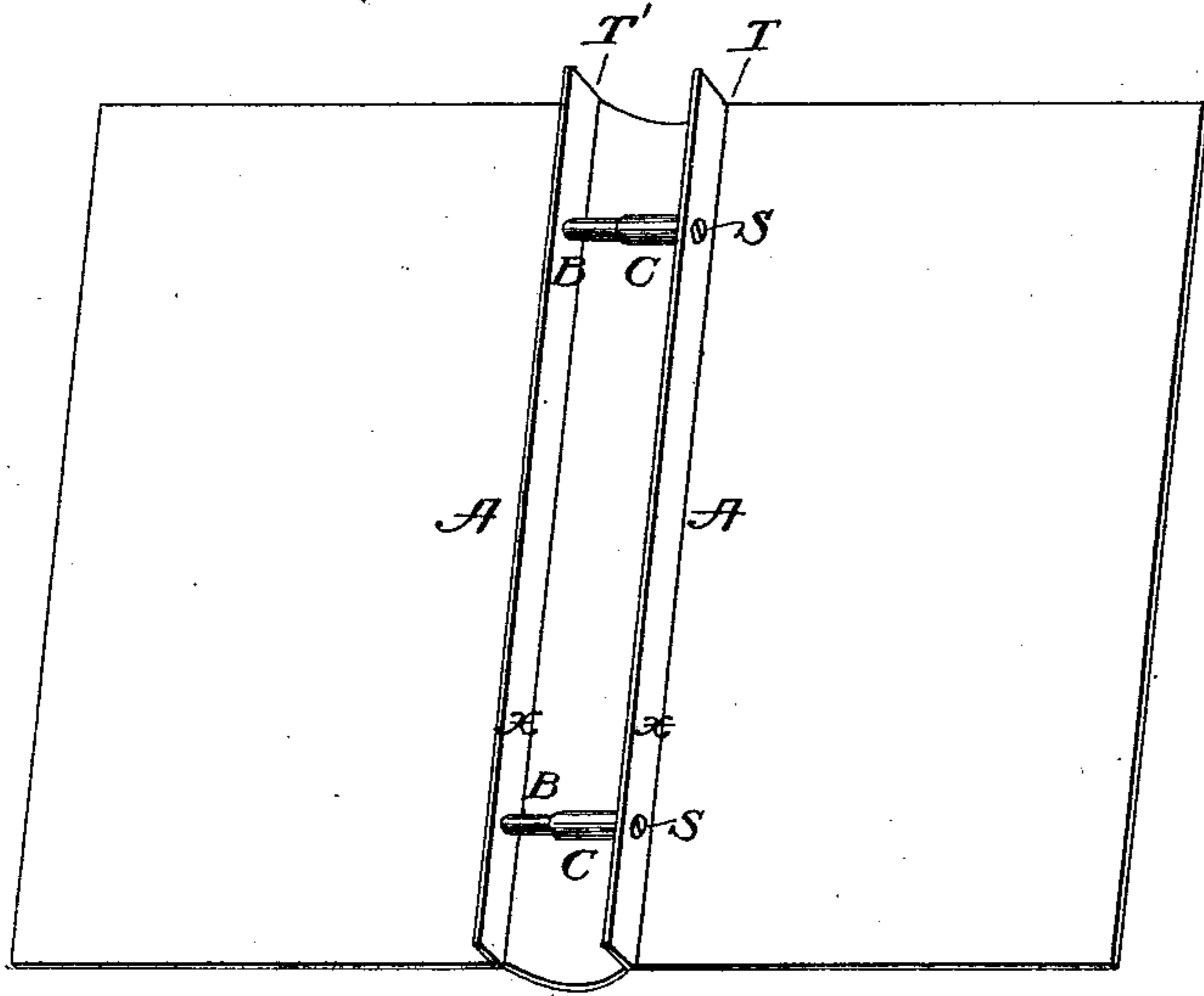


Fig. 2.

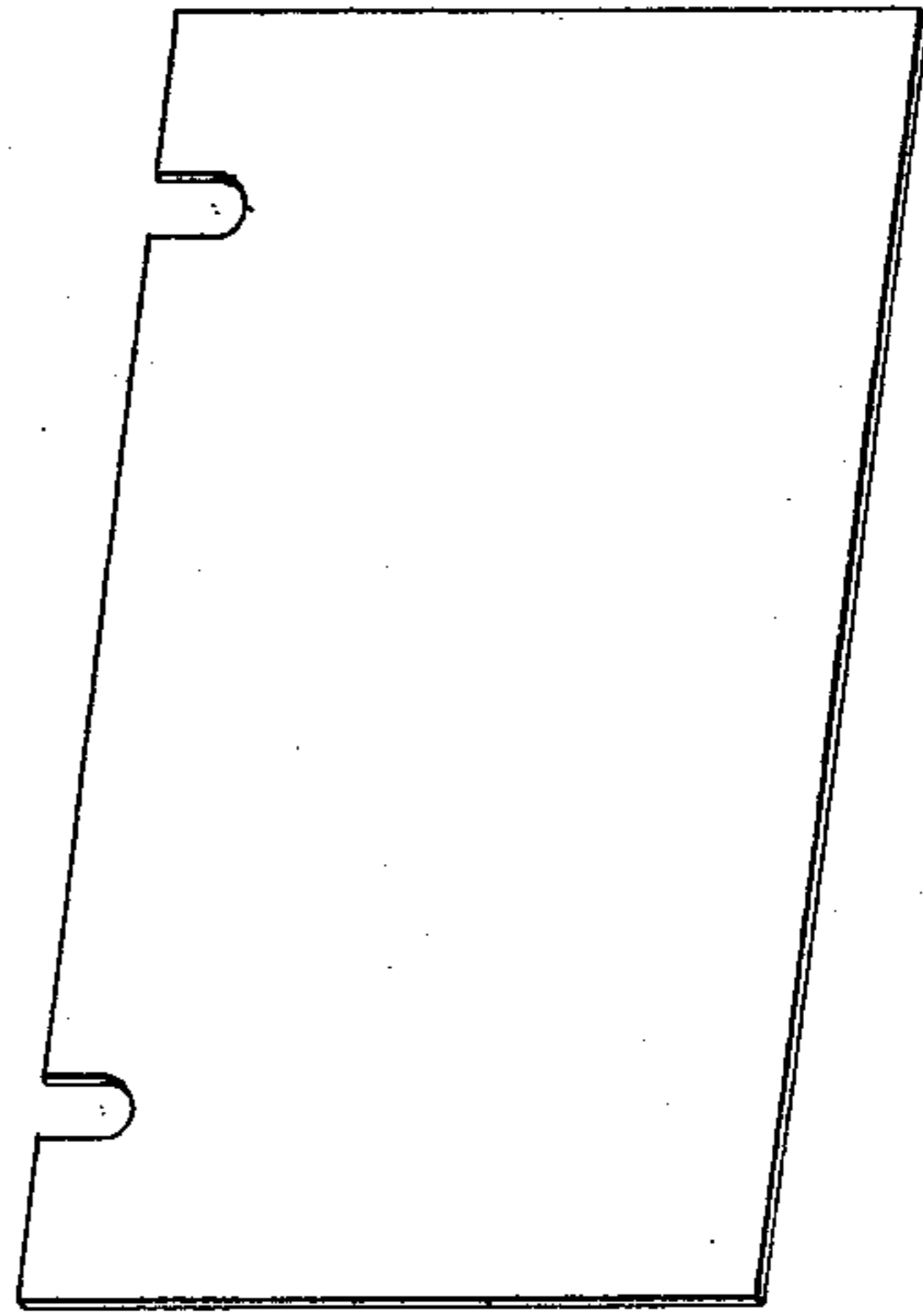


Fig. 4.

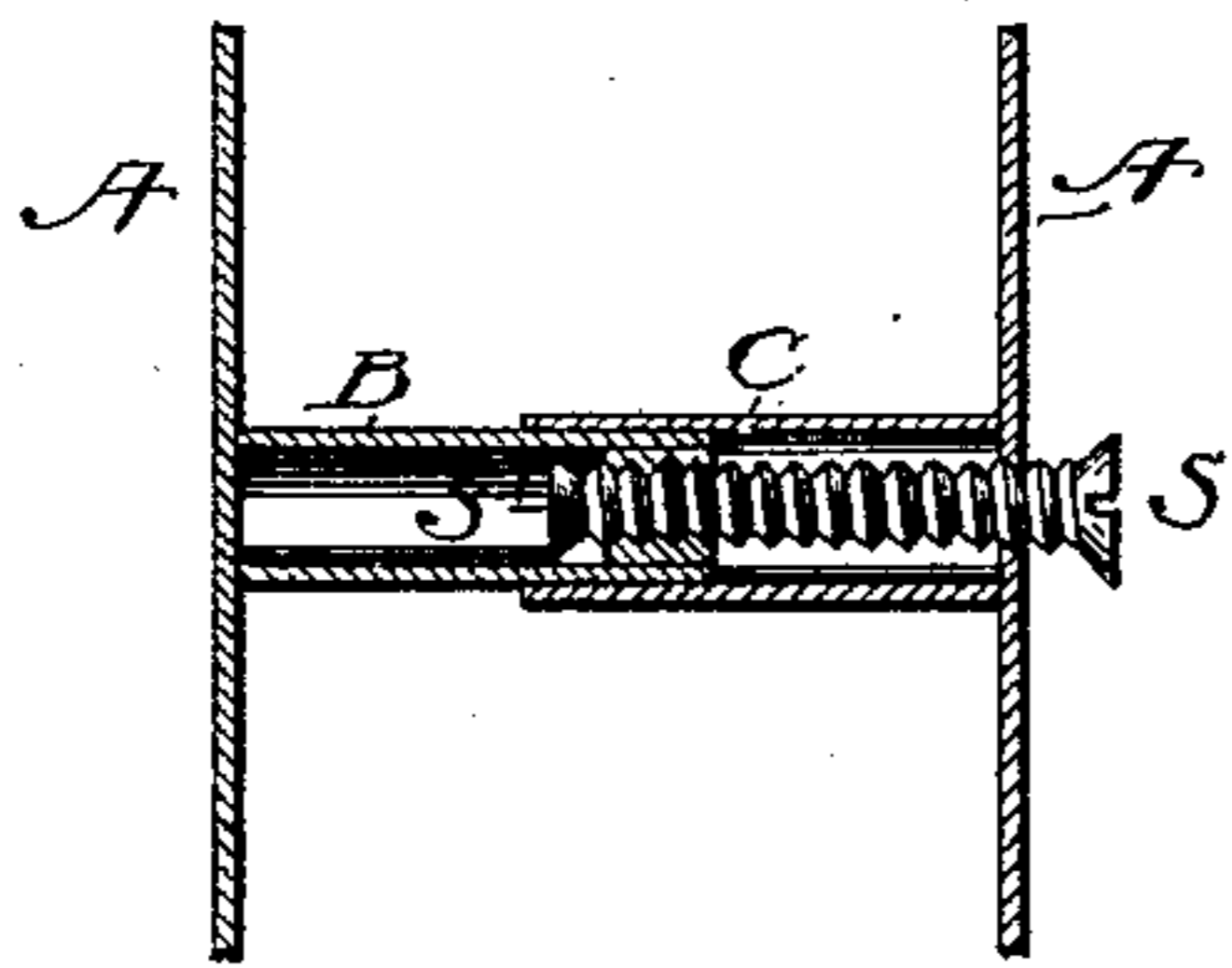
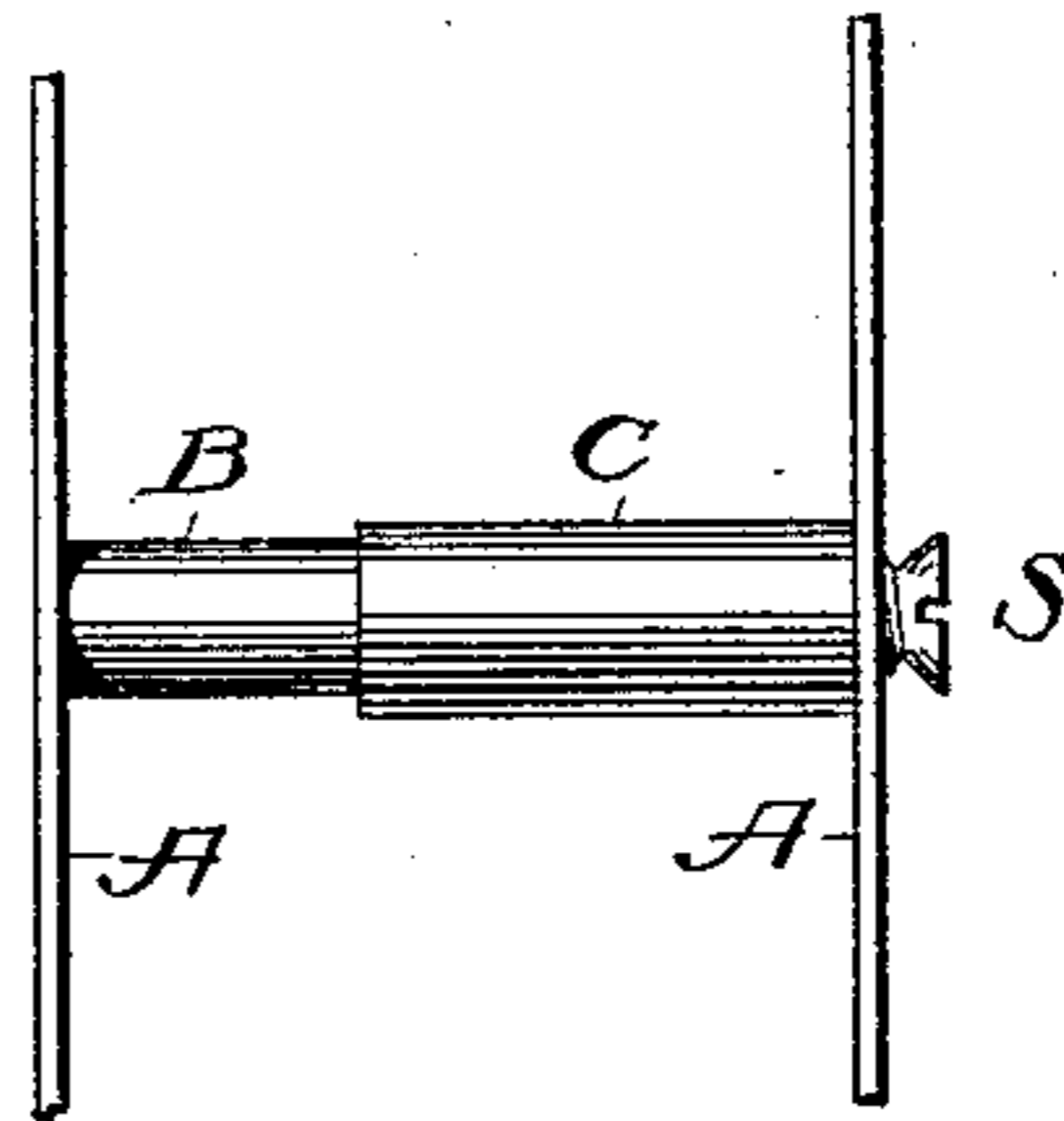


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

DANIEL WAIDE, OF SAN FRANCISCO, CALIFORNIA.

BOOKBINDING.

SPECIFICATION forming part of Letters Patent No. 484,349, dated October 11, 1892.

Application filed July 17, 1891. Serial No. 399,888. (No model.)

To all whom it may concern,

Be it known that I, DANIEL WAIDE, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Bookbinding, of which the following is a specification.

My invention relates to that class of bookbindings from which the leaves may be removed and replaced at pleasure.

Figure 1 is a perspective view of the binding complete. Fig. 2 is a perspective view of the manner of notching the leaves. Fig. 3 is an enlarged plan view; and Fig. 4 is an enlarged sectional view on the plane of the lines X X, Fig. 1, showing the mechanism which binds the leaves in the book.

A cover is made similar to that used for a permanent binding. Jaws A A, of metal or other suitable material, are covered with leather or cloth and flexibly attached to the inside of the cover, the leather or cloth forming a hinge along the line of contact with the cover T T, this line of contact being about where the cover usually hinges on a permanently-bound book. These metal jaws are connected together by one or more telescoping tubes B C, each formed thus: To one of these jaws, preferably the left, is attached a metal tube B, in the end of which farthest from the jaw is a nut N for receiving the screw S. To the opposite jaw, preferably the right, is attached another tube C of a size that will telescope over the opposite tube B, containing the nut N. A hole is made through the right-hand jaw, opening into the tube C, and from the opposite side to which the tube is attached a screw S is passed through the jaw, through the tube C, into the nut N in the end of the tube B. The head of the screw S is countersunk into and is flush with the surface of the metal jaw, so that when the book is closed the cover or binding entirely hides from view the jaws, tubes, screws, &c., and the book has almost the exact appearance of a permanently-bound book. The screw S is

preferably enlarged at the inner end s, so that it may not be entirely withdrawn from the nut N. Into one edge of the leaves of the book are cut notches O O, Fig. 2, of a size and depth and distance apart that will admit the tubes B C to be easily inserted into the notches on a plane at right angles with the plane of the leaves.

The binding is used thus: The complete cover, Fig. 1, being open, the notched leaves, Fig. 2, are inserted so that the notches O O go astride of the tubes B C and admit one edge of the leaves between the metal jaws A A, the screws S S are driven inward, and the leaves are clamped between the jaws. To remove any leaf, loosen the screws.

I am aware that prior to my invention jaws have been fixed to a bookbinding, also have been used without being attached at all to the binding, in either case being connected by a screw in one piece passing entirely through the book and engaging a nut or thumb-screw on the outside.

I am not aware that prior to my invention jaws have ever been flexibly hinged to the binding, as I have described, nor that jaws have ever been connected by a tube containing a nut and screw flush with the jaw and entirely out of the way when used, as I have described.

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

In a temporary binder, the combination of jaws of metal or other suitable material flexibly hinged to the binding of a book, connected by telescoping tubes, each containing a nut and screw flush with the surface of the jaw, the tubes, preferably inseparably connected by means of screws which cannot be withdrawn, and the removable notched leaves, substantially as shown and described.

DANL. WAIDE.

Witnesses:

D. S. PARRISH,
C. W. PARRISH.