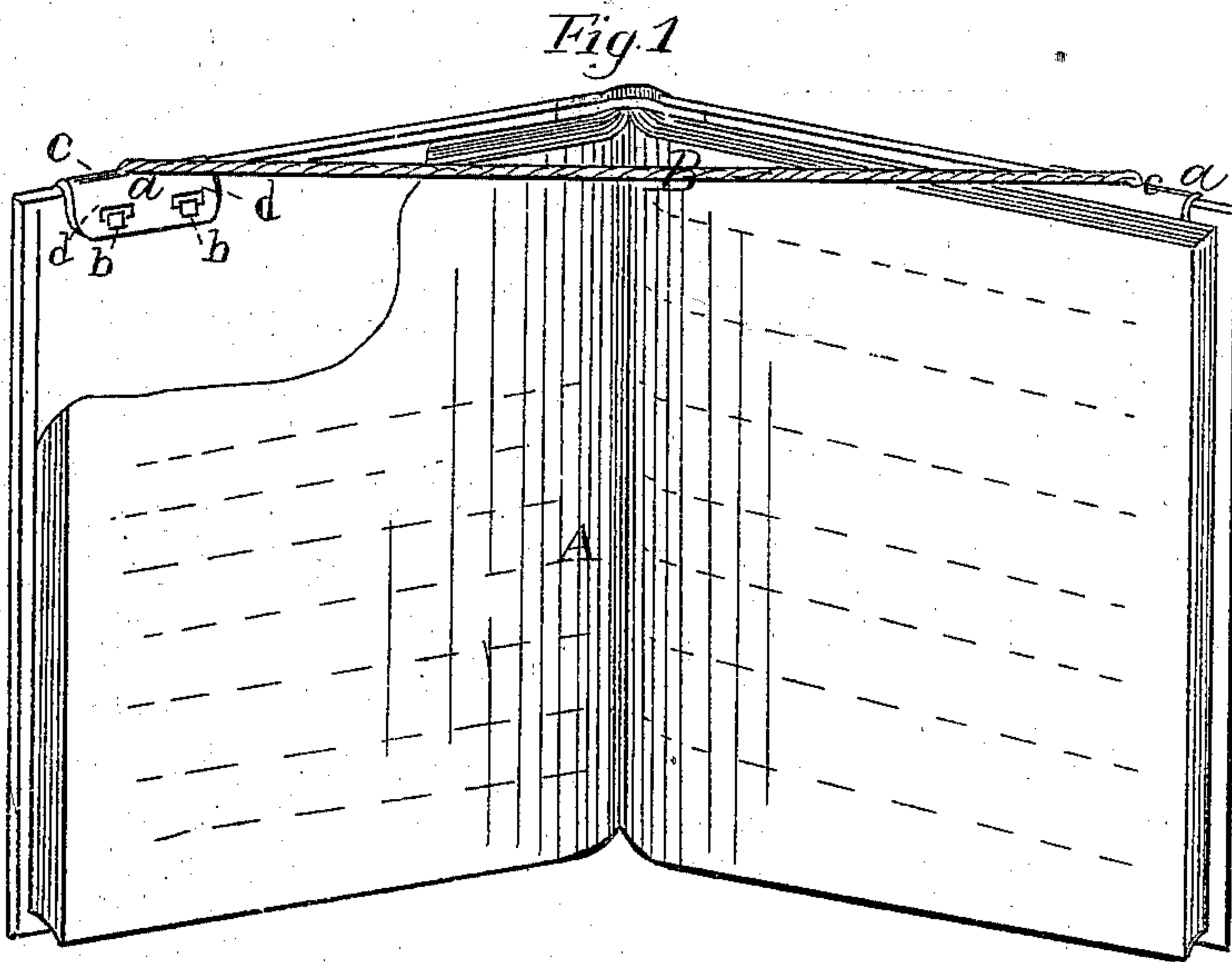
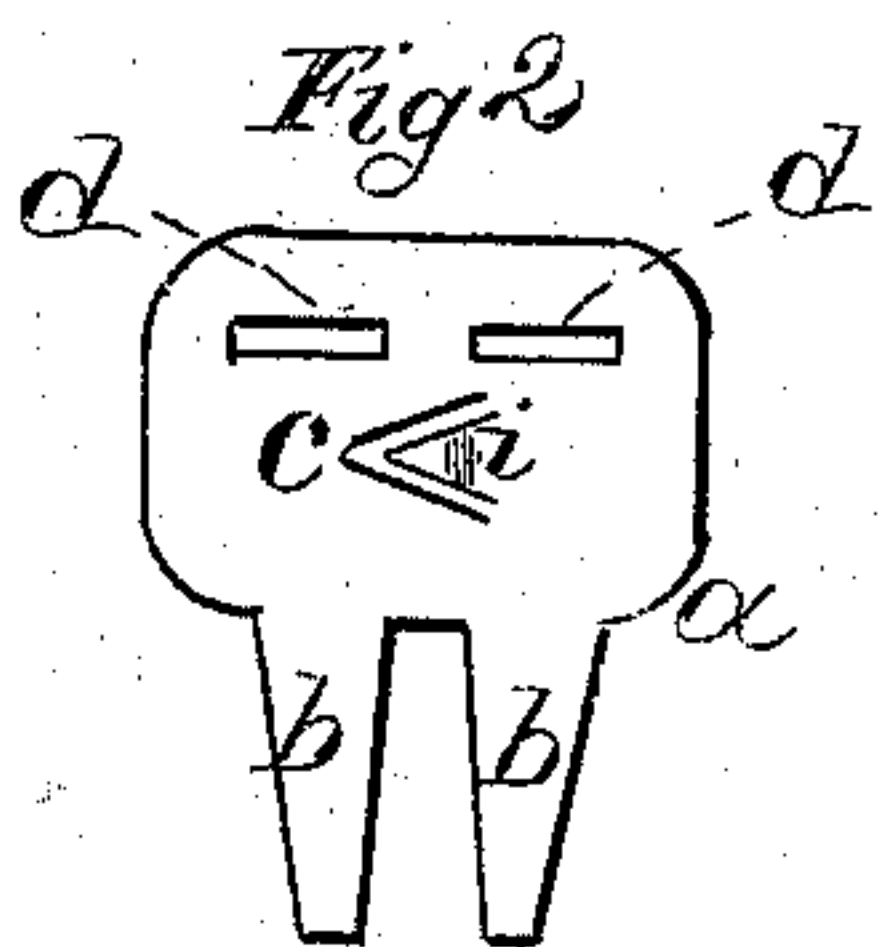


M. A. H. Saurman,
Book.

No. 90,052.

Patented May 11, 1869.



Witnesses:

Geo. Rothwell

Phil. J. Turner

Inventor:

Mary Ann H. Saurman

By R. H. Saurman
attys

United States Patent Office.

MARY ANN H. SAURMAN, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 90,052, dated May 11, 1869.

BOOK-CURE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MARY ANN H. SAURMAN, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Book-Protector; and I do hereby declare that the following is a full, clear, and exact description thereof, sufficient to enable others skilled in the art to which my invention appertains, to make and use the same, reference being had to the accompanying drawings, making a part of this specification, and in which—

Figure 1 is a view of an open book, with my protector applied thereto.

Figure 2 is a plan of a sheet-metal clamp or clasp, used for the attachment of the protector.

Figure 3 is an edge view of one of these clasps, as bent when fixed to the book, and holding one end of the protector.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to prevent the injury and destruction of books, by being opened too far during handling; and

It consists in fastening the ends of a cord or chain to the backs of a book, near the front edges thereof, so as to permit the opening of the book to a sufficient extent for the examination and perusal of its contents, without allowing its opening so as to injure or destroy the binding, as will be hereinafter fully described.

Referring to the drawing—

A represents a book, having my invention applied to it.

The protector consists of a cord or chain, B, connecting the backs of the book together.

I will probably use, for securing the ends of the cord or chain, the sheet-metal clasps *a*, shown clearly in fig. 2.

The prongs *b b* of these clasps are passed through openings made in the backs of the books.

The parts *c* of the clasps are then bent over the up-

per edge of the backs, and the prongs *b* passed through the slots *d*, and then bent down, as shown in fig. 1.

The ends of the cord or chain are held by means of the pointed tongues *i*, made by cutting with a V-shaped die. These tongues are bent inward, leaving openings for the passage of the cord or chain.

It will be seen that a book, provided with one of these protectors, cannot be opened so far as to weaken or break the binding; still, it may be opened to such an extent as to permit the perusal and inspection of its entire contents.

If an attempt is made to open it beyond this point, the strain comes on the cord or chain, and the binding is not injured.

The device is especially intended for books used by children. Such books, when unprotected, are generally injured, and eventually destroyed by being opened to too great extent.

The device may, if desired, be applied to the lower edge of the book, instead of at the top.

I do not limit myself to the precise means herein described, for fastening the protector to the backs of the book, as it is obvious that these may be modified, or some other device used instead.

Having thus described my invention,

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

A book-protector, consisting of a cord or chain, B, adapted to be secured to the backs of a book, to prevent the book from being opened too far, by means of the metallic clasps *a*, with slots *d d*, tongues *b b*, and point or holder *i*, as set forth.

To the above I have signed my name, this 2d day of March, 1869.

M. A. H. SAURMAN.

Witnesses:

W. A. WIEDERSHEIM,
H. M. WIEDERSHEIM.