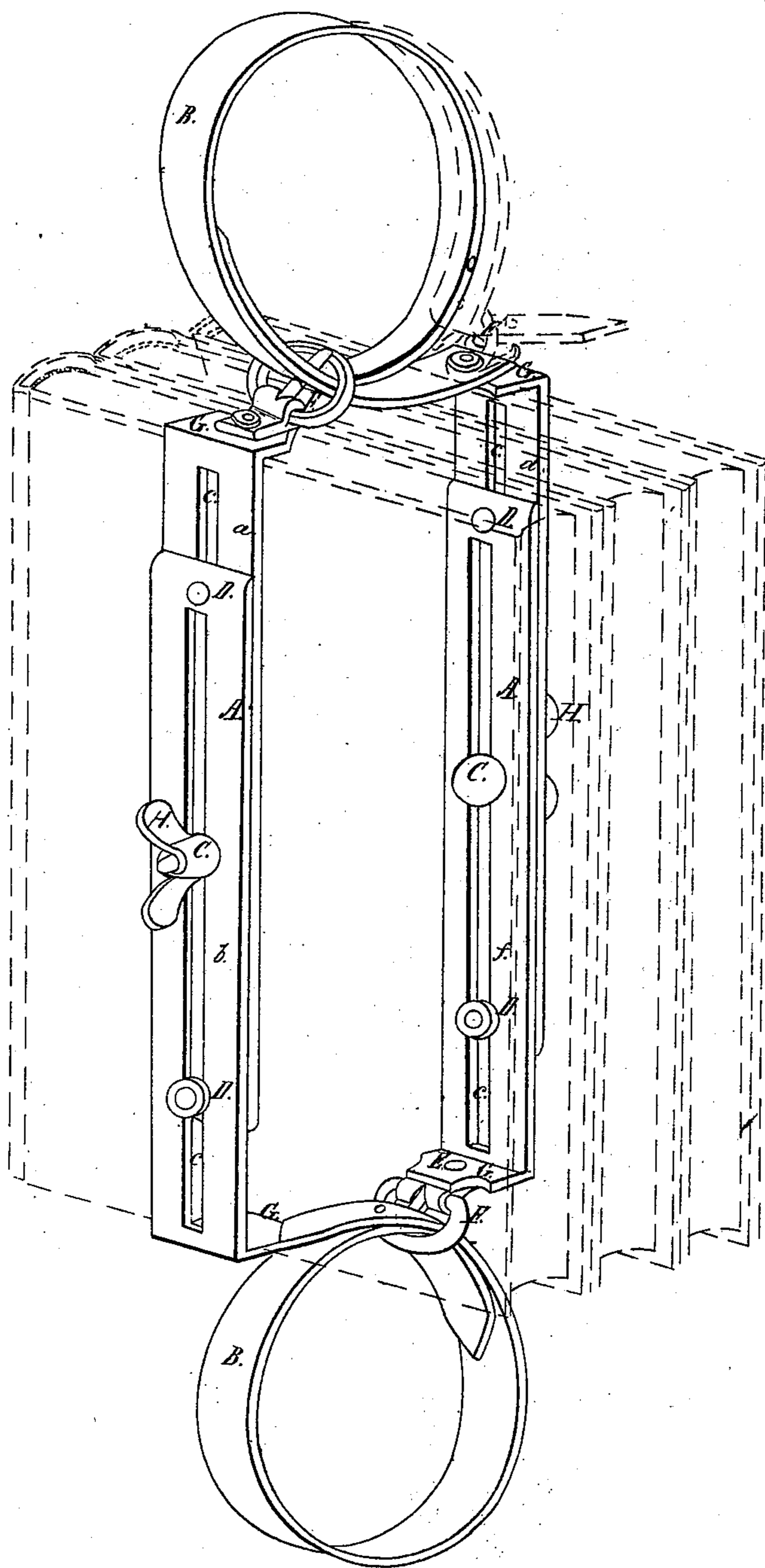


T. H. Denison.

Book Support.

N^o 93,287. Patented Aug. 3, 1869.



Witnesses.

*W. B. Denning
Wm H. Runtonge*

*Inventor.
T. H. Denison
By Knight Bros.
Attorneys.*

United States Patent Office.

THOMAS H. DENISON, OF BALTIMORE, MARYLAND.

Letters Patent No. 93,287, dated August 3, 1869.

IMPROVEMENT IN PORTABLE CLAMP FOR SCHOOL-BOOKS.

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, THOMAS H. DENISON, of the city of Baltimore and State of Maryland, have invented a new and useful Improvement in Clasps for School-Books; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, which is made a part of this specification, and in which—

A A represent the two sides.

B B, the ends of the clasp.

F F, the buckles, for widening, and

C C, the screws, for lengthening the same.

In order that those skilled in the art may be enabled to make my invention, I subjoin the following explanation of the different parts, and manner of their construction.

The sides A A are each composed of two pieces of suitable metal, *a b* and *d f*, of any desired length or width, each piece having one end turned down, forming an ear, G, and each having a narrow slot, *c*, running lengthwise to near the ends.

These two pieces are connected permanently by the rivets D D passing through the slots *c c*, holding them together, but not so closely as to prevent the two pieces working or sliding longitudinally to the extent of the length of the slots in each combined.

These two side-pieces A A are connected with each other by the leather straps B B, fastened to the ears G G by means of the rivets E E.

Each strap is provided with a buckle, F, by means

of which the width of the clasp may be increased or diminished, at pleasure. The straps also provide suitable loops for carrying the clasp.

The sides A A are provided with adjustable clamping-screws C C, having a head upon the inner surface of the clasp, and upon the outer thumb-nuts H H, which serve to hold the movable parts of the sides in position, when extended or drawn up, by being tightened against the sides.

One or both of the straps B B may be made to form handles, by passing their loose ends again through the buckles F, or supplementary ones, F', as shown.

My arrangement for extending the length of the clasp is cheap, simple, and durable; it obviates the necessity of adjusting the length when it is not requisite, and allows the straps to be used as handles, as described.

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

As a new article of manufacture, the extensible clasp for school-books, herein described, consisting of the divided sides A A, constructed with ears G and longitudinal slots *c*, the rivets D D, clamping-screws C H C H, straps B B, and buckles F F F', combined and arranged to operate substantially in the manner and for the purposes set forth.

THOMAS H. DENISON.

Witnesses:

LOUIS GOULER,

GEO. F. THOMPSON.