

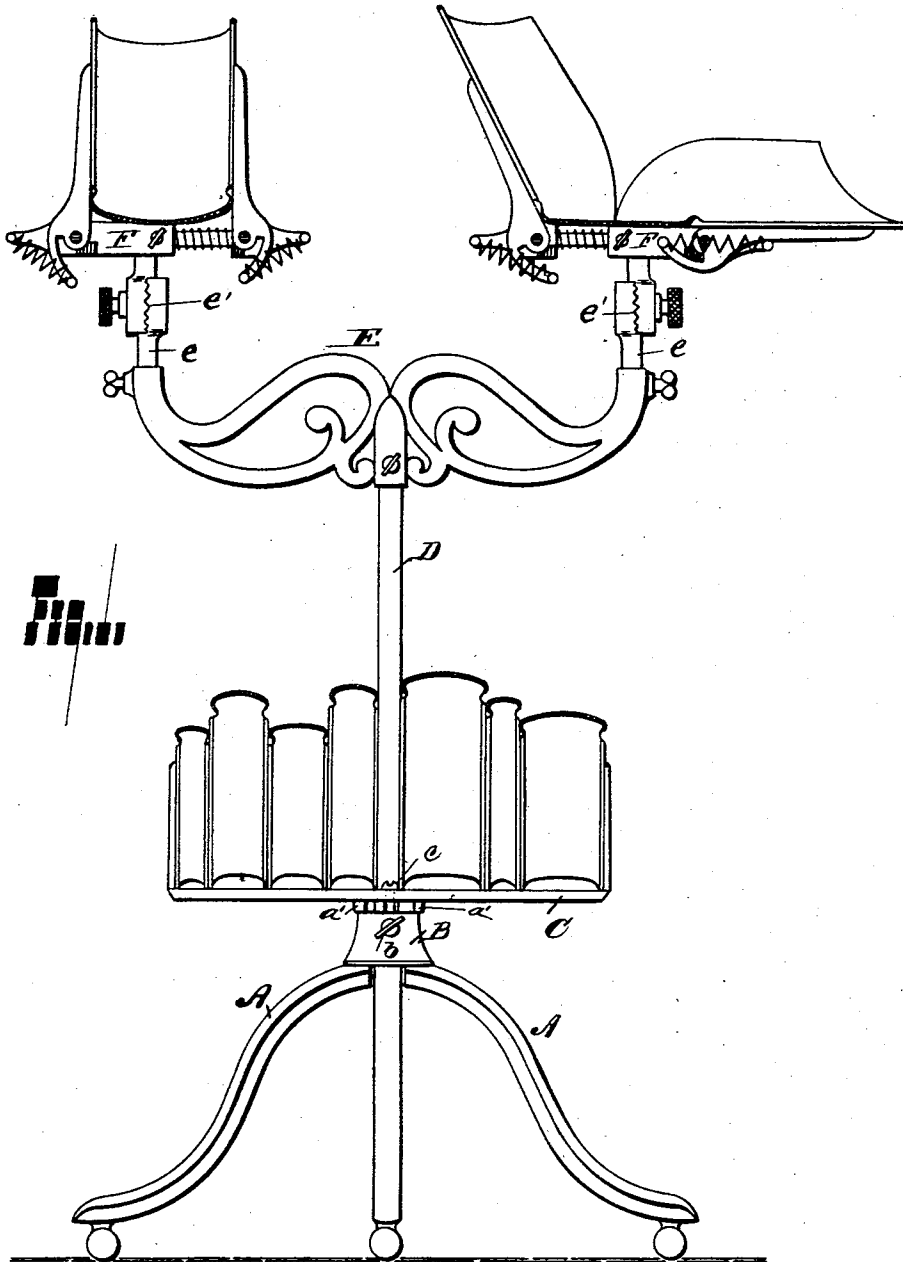
(No Model.)

3 Sheets—Sheet 1.

S. B. FULLER
BOOK HOLDER.

No. 564,608.

Patented July 28, 1896.



WITNESSES

H. H. Hager
J. C. Thomas

INVENTOR

Stuart B. Fuller
By Fisk & Thomas
Attys.

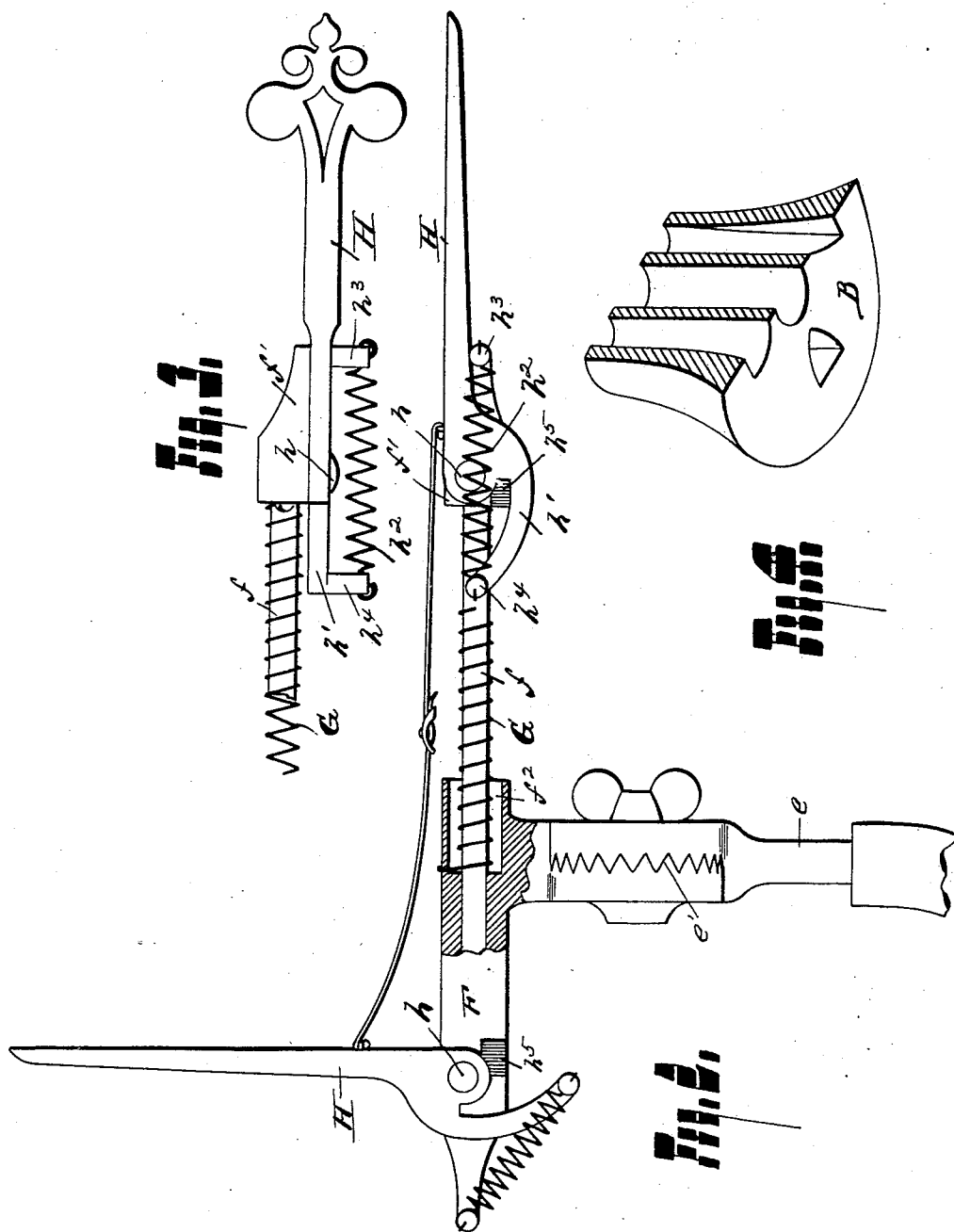
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J. H. Stager
J. E. Thomas

INVENTOR

Stewart W. Fuller
By Jack and Thomas
attys

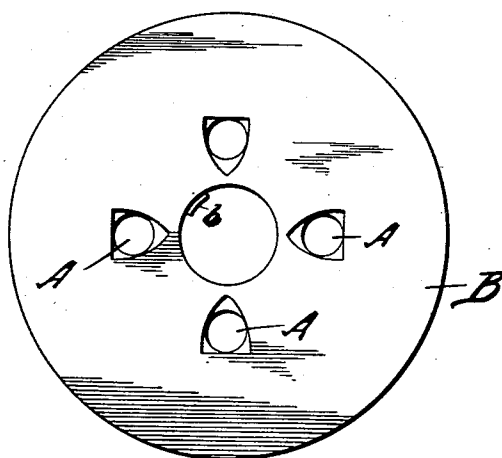
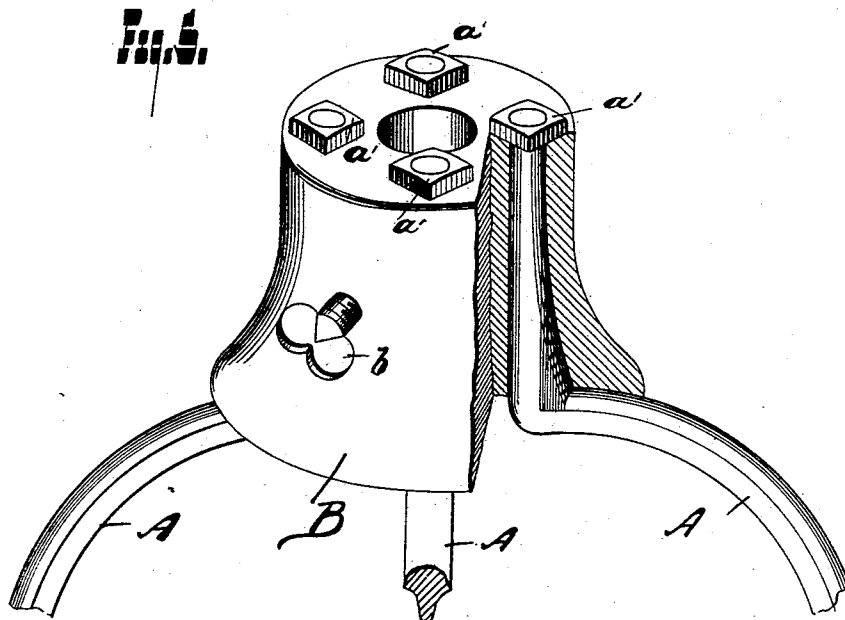
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WITNESSES

W. H. Kager
L. C. Thomas

INVENTOR

Stuart B. Fuller
By Frank O. Thomas
attor

UNITED STATES PATENT OFFICE.

STUART B. FULLER, OF DETROIT, MICHIGAN.

BOOK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 564,608, dated July 28, 1896.

Application filed August 24, 1895. Serial No. 560,401. (No model.)

To all whom it may concern:

Be it known that I, STUART B. FULLER, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Book-Holders; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to book-holders; and it consists in the novel construction and arrangement of the several parts making up such a device, and is shown in the accompanying drawings, in which—

Figure 1 is an elevation showing a two-volume stand made according to my invention, showing one holder supporting a closed book and the other supporting an open book. Fig. 2 is an enlarged view of one of the holders, with parts in section, showing details of the construction. Fig. 3 is a plan view of the holder in the position shown on the right hand of Fig. 2. Fig. 4 is a sectional view of the head to which the legs are attached. Fig. 5 is a view, partly in perspective and partly in section, showing detail of the construction of the head B. Fig. 6 is a view of the head from the under side.

In the drawings, A A are the legs, preferably four in number. These legs are provided with the stem *a*, made square or of a triangular cross-section. These stems fit sockets in the head B, and extend above it, just far enough to receive the nuts *a'* by which the legs are held firmly in the head. The four nuts *a'* are made with flat faces and when all screwed to place form a flat broad surface for supporting the shelf C. This shelf is provided with an opening through which the standard D passes freely. The shelf is held to the face of the nuts by the screw *c*.

The standard D fits easily in the head B, and is held in any position of adjustment by the set-screw *b*.

E is the upper head, used in the double holder. It is supported on the standard D, to which it is fixed in any suitable manner.

The book-holders are supported on opposite ends of the head E on the short standards *e e*. These standards are jointed at *e' e'* to

admit of an adjustment to give any desired incline to the book.

F F are hollow cross-heads supported on the standards *e e*. The bore of these cross-heads is square and each carries a square rod *f*, on the outer end of which is fixed the portion *f'*.

G is a spring partially inclosed in the head F at *f*², to which it is fixed. It is also fixed to the portion *f'*. By its action it tends to draw the rod *f* into the head and the portion *f* toward the head. The object of this movement is to cause the side arms to move up to fit the thickness of any book.

H H are side arms pivoted at *h h* to the head F and the portion *f*, respectively. Each of these arms has a flat inner surface to fit the book-cover and is provided with an extension *h'*, reaching below the pivot. The spring *h*² connects a lug *h'* on this extension *h'* with the lug *h*³ on the other end of the head F or the portion *f*, as the case may be. The action of these springs tends to hold the side arms against the book throughout their whole length. As the book opens the side arms swing down to the horizontal position, when the springs *h*² have no effect on the arms, as their action is directly against the pivots. The advantage of this construction is that there is no danger of the springs closing the book when it is left open, but when it is closed they exert their maximum pressure.

*h*⁵ *h*⁵ are lugs that stop and support the arms in a horizontal position.

What I claim is—

1. In a book-holder, the combination of the standard of a book-holder, the head F, the telescoping rod *f*, carrying the portion *f'*, whereby the position of the portion *f'* can be adjusted relative to the head F, and the spring G, to draw the book-holder together, substantially as described.

2. In a book-holder, the combination of the standard of a book-holder, the head F, the rod *f*, carrying the portion *f'*, the spring G, to draw the portions together, the holders H, and the springs *h*², substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

STUART B. FULLER.

Witnesses:

C. H. FISK,
S. E. THOMAS.