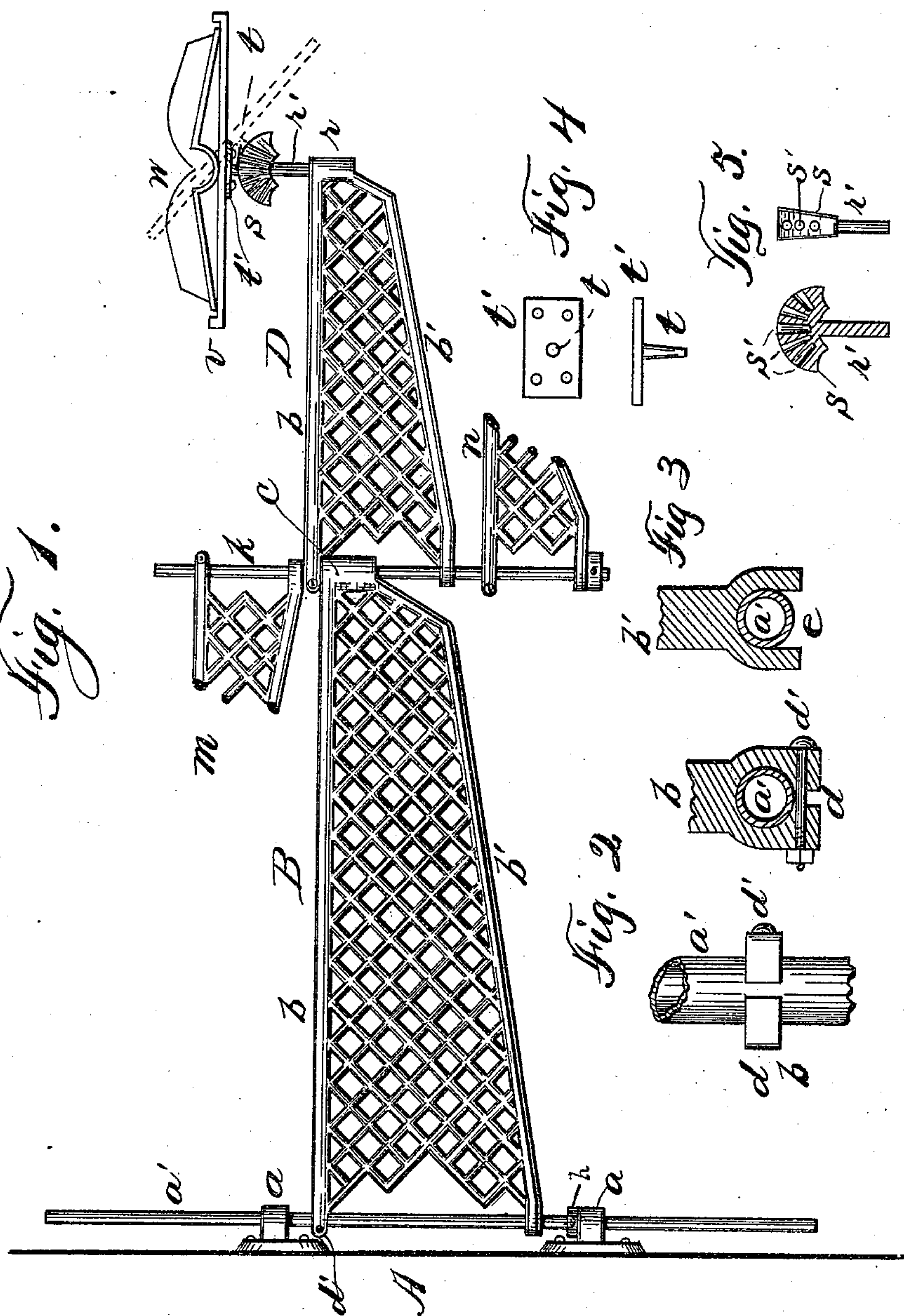


(No Model.)

W. K. CROSBY.
SWING BRACKET FOR BOOK HOLDERS.

No. 545,683.

Patented Sept. 3, 1895.



WITNESSES:

W. W. Borst
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UNITED STATES PATENT OFFICE.

WILLIS K. CROSBY, OF JAMESTOWN, NEW YORK.

SWING-BRACKET FOR BOOK-HOLDERS.

SPECIFICATION forming part of Letters Patent No. 545,683, dated September 3, 1895.

Application filed April 7, 1894. Serial No. 606,676. (No model.)

To all whom it may concern:

Be it known that I, WILLIS K. CROSBY, of Jamestown, in the county of Chautauqua and State of New York, have invented new and useful Improvements in Swing-Brackets for Book-Holders, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to swinging brackets, and particularly to those which are adapted to swing and which may also consist of sections adjustable to any desired height and adapted to swing independently of each other and creating an extension-bracket.

My object is to produce an improved book-holding swinging bracket, either single and non-extensible or consisting of sections or leaves hinged together and independently adjustable, and provided with a book-holder adjustable to different angles of inclination, the whole being supported by a hinge connection to wall brackets or ears.

My invention consists in the several novel features of construction and operation hereinafter described, and which are specifically set forth in the claim hereunto annexed. It is constructed as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a two-leaf bracket extended with a book-holder and book upon the outer leaf. Fig. 2 is a rear elevation and horizontal section of the upper mounting of a leaf. Fig. 3 is a horizontal section of the lower mounting. Fig. 4 is a bottom plan and a side elevation of the plate and pin upon the lower side of the table. Fig. 5 is a vertical section and a side elevation of the socket-piece mounted in the outer end of the leaf to receive the pin upon the under side of the table.

A is the wall of a room upon which the wall-bearing brackets *a* are secured, vertically perforated to receive the hinge-pintle *a'*.

In an extension-bracket B is the main leaf

having top and bottom rails *b b'*, merging at their outer ends into the cylinder *c* and having any pattern or ornamental filling between them. The inner end of the rail *b* is bifurcated, as at *d*, and *d'* is a bolt through the arms to clamp them adjustably around said pintle-rod. The inner end of the rail *b'* is bored so as to receive said pintle. The pintle is adjustable vertically by the collar and set-screw *h*, and is also supported thereby.

A second leaf D is mounted in like manner upon the pintle *k*, mounted in the cylinder *c*, and *m* and *n* represent additional swing-leaves, also mounted upon the pintle *k*, if desired.

In the vertical cylinder *r* upon the outer end of the leaf D the stem *r'* is mounted, upon which the head *s* is secured, provided with sockets *s'* standing at different angles and adapted to receive the pin *t*, secured upon the plate *t'*, which is in turn secured upon the table *v*, which carries the book *w*, said table being adjustable at different angles of inclination from a horizontal by shifting the pin from one socket to another.

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

The swinging bracket D, provided with the socket *r*, in its outer end, combined with a socket head composed of the stem *r'* which revolves freely in the socket *r*, and the head *s*, having a curved upper face in which is formed a series of sockets *s'*, which stand at different angles; the pin *t* to fit in the sockets, the plate *t'* secured to the pin, and the table *v*, secured to the plate for holding the book; the table being provided with flanges at its ends, substantially as shown.

In witness whereof I have hereunto set my hand this 2d day of April, 1894.

WILLIS K. CROSBY.

In presence of—

GILBERT L. DAVIS,
MURRAY H. DAVIS.