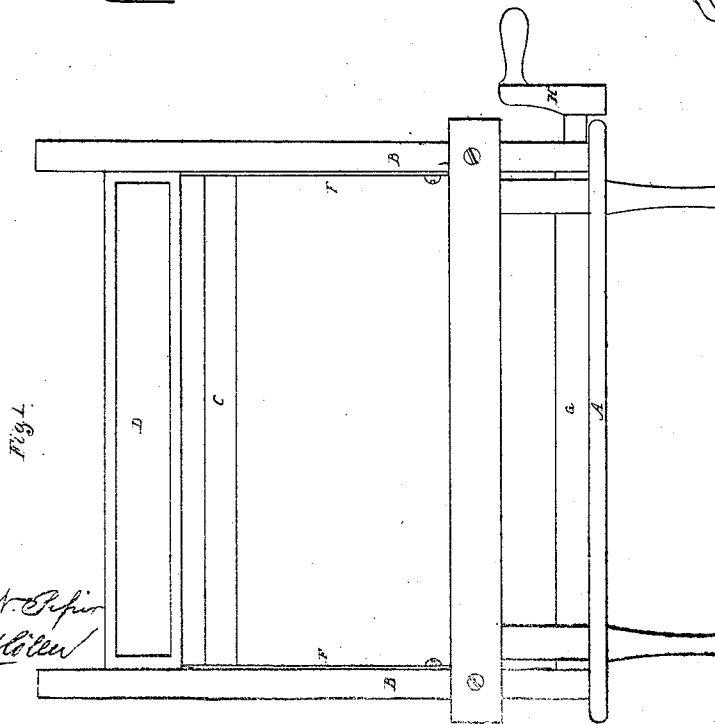
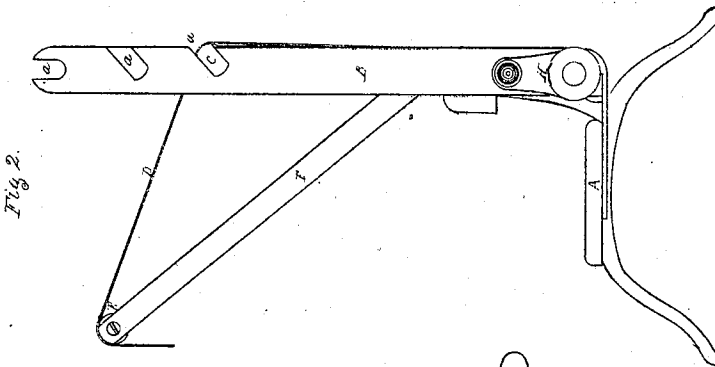
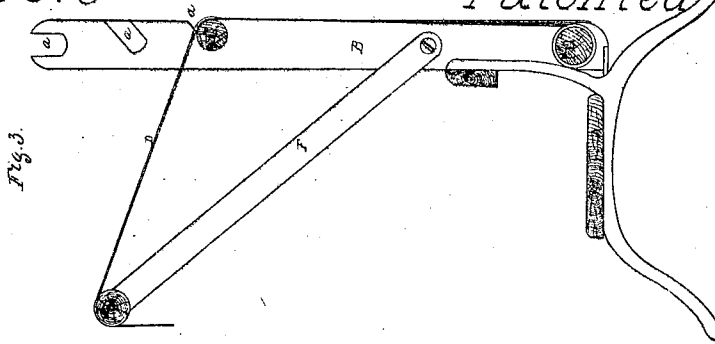


D. Estes.

Portable Shade & Seat.

N^o 73313

Patented Jan. 14, 1868.



Witnesses:
Samuel A. Phipps
Lewis Allen

Inventor:
Dana Estes.
by his attorney
R. W. Hurley

United States Patent Office.

DANA ESTES, OF NEWTON, ASSIGNOR TO HIMSELF AND CASPER W. ROETH,
OF BOSTON, MASSACHUSETTS.

Letters Patent No. 73,313, dated January 14, 1868; antedated January 3, 1868.

IMPROVED PORTABLE SHADE AND SEAT.

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

TO ALL PERSONS TO WHOM THESE PRESENTS MAY COME:

Be it known that I, DANA ESTES, of Newton, in the county of Middlesex, and State of Massachusetts, have invented an Improved Portable Shade-Seat; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a front elevation,

Figure 2 an end view, and

Figure 3 a vertical and transverse section of it.

In such drawings, A denotes a seat or settee, having two posts, B B, extended vertically from its back. Each of these posts is to be formed with a series of notches, *a a a*, formed in it as represented, such being for the reception of a cross-rail, C, and to enable such rail to be adjusted at different elevations, and be supported by the posts. An awning or shade, D, extends across the cross-rail, such awning, at or near its front end, being fixed to a bar, E, sustained by two arms, F F, which are jointed to the two posts, so as to be capable of being turned from vertical down into horizontal positions. The lower end of the awning or shade is fastened to a roller, G, which has its bearings in the lower parts of the two posts, and is provided with a crank, H, for revolving it. By turning the roller, the awning may be wound thereon, so as to draw the arms up into upright positions, or they may be let down to such an inclination as may be desirable.

By having the supporting-rail adjustable in height on the posts, the shade may be adapted to a person while either sitting on the settee, or reposing at full length thereon. It also enables the shade to be adjusted for children or adults to better advantage than would be the case were the cross-bar fixed to the upper ends or other parts of the posts.

A portable shade-seat so made is a very useful article for use in the country, or by the sea-side, in summer, or on a lawn.

I do not claim a seat and shade combined, as this is not new.

What I claim is, the combination of the adjustable rail C and the posts B B, provided with notches *a*, as set forth, with the settee or seat A and the awning D applied thereto, by means and so as to operate as specified.

DANA ESTES.

Witnesses:

R. H. EDDY,

F. P. HALE, Jr.