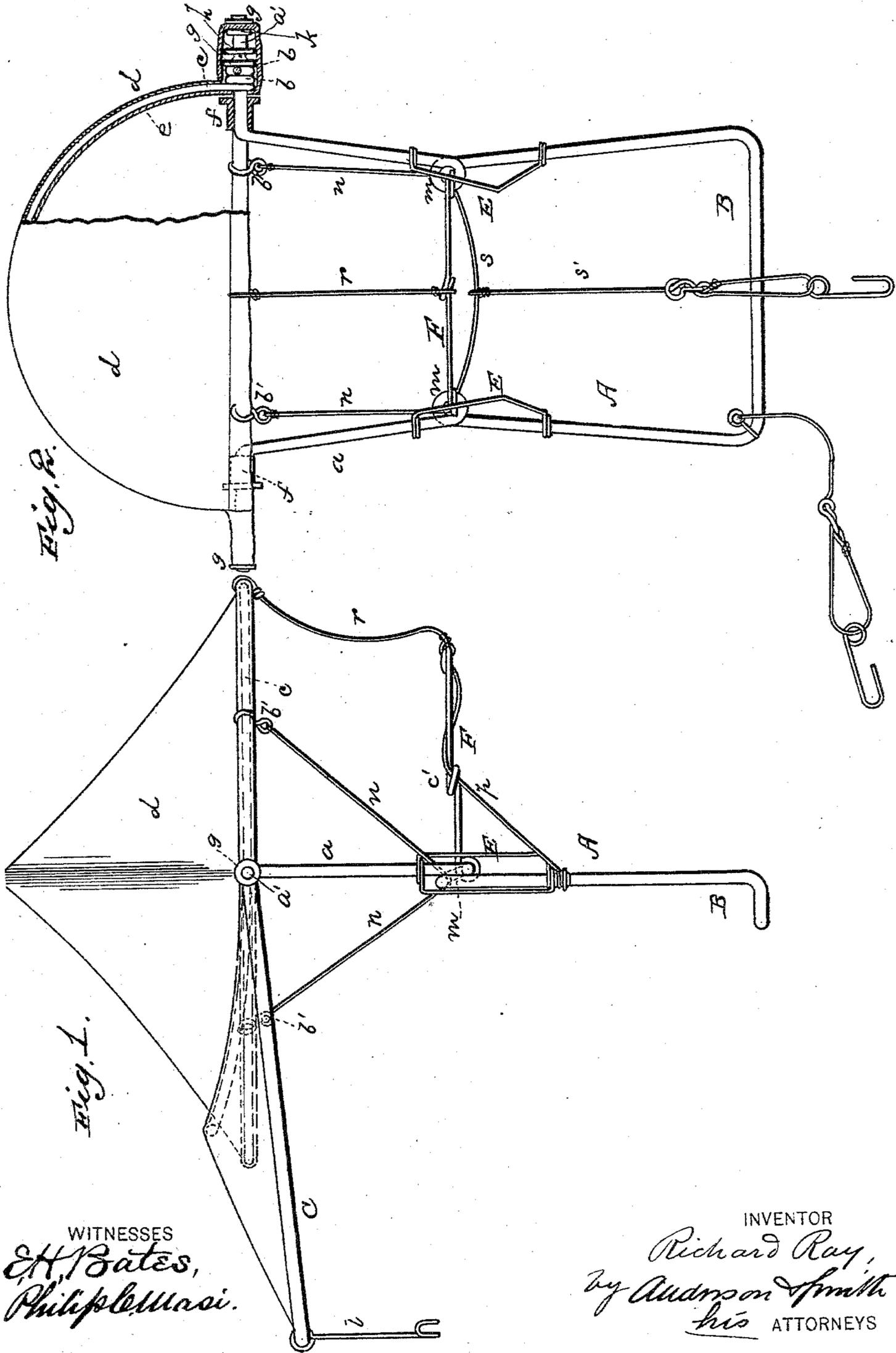


(Model.)

R. RAY.
SHOULDER SUN SHADE.

No. 288,115.

Patented Nov. 6, 1883.



WITNESSES
E. H. Bates,
Philip Masini.

INVENTOR
Richard Ray,
by Anderson & Smith
his ATTORNEYS

UNITED STATES PATENT OFFICE.

RICHARD RAY, OF GRIFFIN, GEORGIA.

SHOULDER SUNSHADE.

SPECIFICATION forming part of Letters Patent No. 288,115, dated November 6, 1883.

Application filed February 24, 1883. (Model.)

To all whom it may concern:

Be it known that I, RICHARD RAY, a citizen of the United States, residing at Griffin, in the county of Spalding and State of Georgia, have invented certain new and useful Improvements in Sunshades; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a side view of my sunshade, and Fig. 2 is a rear view, partly in section.

This invention has relation to improvements on shoulder sunshades; and it consists in the construction and novel arrangement of devices, as hereinafter set forth, and particularly pointed out in the claims appended.

In the accompanying drawings, the letter A designates the main support, having the downward extension B, forming a breast-bearing. The uprights *a a* of this frame are at their ends turned outwardly to form bearings for the eyes *b* at the ends of the ribs *c*, said eyes *b* and ribs *c* being entirely covered and protected by the outer shade-cover, *d*, and the lining *e*. Flanged sleeve-bearings *f* are provided on the horizontal portions of the arms *a* within the canopy, the flanged ends of which bear against the lining at the joint formed by the eyes of the ribs, and serve to hold the ribs from springing inward. The ribs are held from springing outward by means of the brass or copper washers *g*, which are put on the arms *a*, and are held in position by annularly indenting the metal of the arm, so as to upset it against the margin of the eye of the washer, as indicated at *h*.

The horizontal portions of the arms *a* are extended outwardly, as indicated at *a'*, to receive the end bearings, *k*, of the crescent-shaped reversible shade-extension C, which may be made removable, or may be permanently connected to the main frame. This extension is usually provided with a middle stay, *l*.

On the main arms *a* of the frame are provided loop-bearings *m*, for the passage of the

stay-cords *n*, the ends of which are attached to links or hooks *b'*, which are connected to the outer ribs of the canopy. Sliding brakes E on each arm *a* of the main frame serve, when pressed down on the bracing-cords *n*, to stay the canopy at any angle to which it is adjusted.

F represents the bow-shaped rear bearing, which is pivoted or hinged to the main frame, and is designed to extend back over the shoulders far enough to act as a stop, preventing the canopy from coming in contact with the back of the wearer and folding prematurely. The bow-frame F is provided with eyes or bearings *c'* for the shoulder-cord *p*, which is connected by its ends to the breast-extension of the supporting-frame on each side. This cord *p* serves to hold the bow-frame in position when the shade is in use, and automatically conforms to the shoulders of the wearer. The bow-frame is provided with a rear stay-cord, *r*, which extends upward, and is connected to the back rib of the canopy, and serves to raise the bow-frame into position for use, and at the same time to prevent the canopy from tipping too far forward.

Attached to the bow-frame is a transverse neck cord or guard, *s*, which bears against the back of the neck, and is usually provided with a pendent stay, *s'*, which is adjustable, and is designed to be connected to the waistband. It serves to prevent the shade from falling forward when the wearer is in a stooping position. It is usually provided with a fastening-link, which can be adjusted in either direction to lengthen or shorten the stay.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with the main supporting-frame and the ribs connected to the arms thereof, of the canopy-covering and the lining inclosing and protecting the ribs, substantially as specified.

2. The combination, with the arms of the supporting-frame and the canopy-ribs, of the flanged sleeve-bearings *f*, substantially as specified.

3. The crescent-shaped reversible extension C, connected to the arms of the main supporting-frame, substantially as specified.

4. The combination, with the canopy and

its supporting-frame, of a reversible shade-extension having a stay, substantially as specified.

5 5. The combination, with the bracing-cords n and the bearings m on the main supporting-frame, of the links or hooks b' , as specified.

6. The combination, with the supporting-arms of the main frame and the bracing-cords n , of movable brakes on said arms, substantially as specified.

10 7. The bow-frame connected to the main supporting-frame and extending back to form a stop to prevent the canopy from touching the back of the wearer, substantially as specified.

15 8. The rearwardly-extended bow-frame F , having a shoulder-cord extending through eyes or bearings thereof, and connected by its ends to the sides of the breast-extension of the main supporting-frame, substantially as specified.

20 9. The combination, with the canopy and the rearwardly-extended bow-frame F , of the stay-cord r , substantially as specified.

10. The bow-frame F , having a neck-cord or transverse neck-bearing, s , provided with a pendent stay, s' , substantially as specified. 25

11. The combination, with the main supporting-frame a , of the rearwardly-extended bow-frame F and the transverse neck-cord s , connected to said bow-frame, substantially as specified. 30

12. A reversible detachable extension-shade adapted to be connected to the canopy, substantially as specified.

13. The combination, with the bow-frame of the canopy and its transverse neck-guard, of a pendent waist-stay having an adjustable link-fastening, substantially as specified. 35

In testimony whereof I affix my signature in presence of two witnesses.

RICHARD RAY.

Witnesses:

M. M. ISON,

GEO. B. WHITE.