

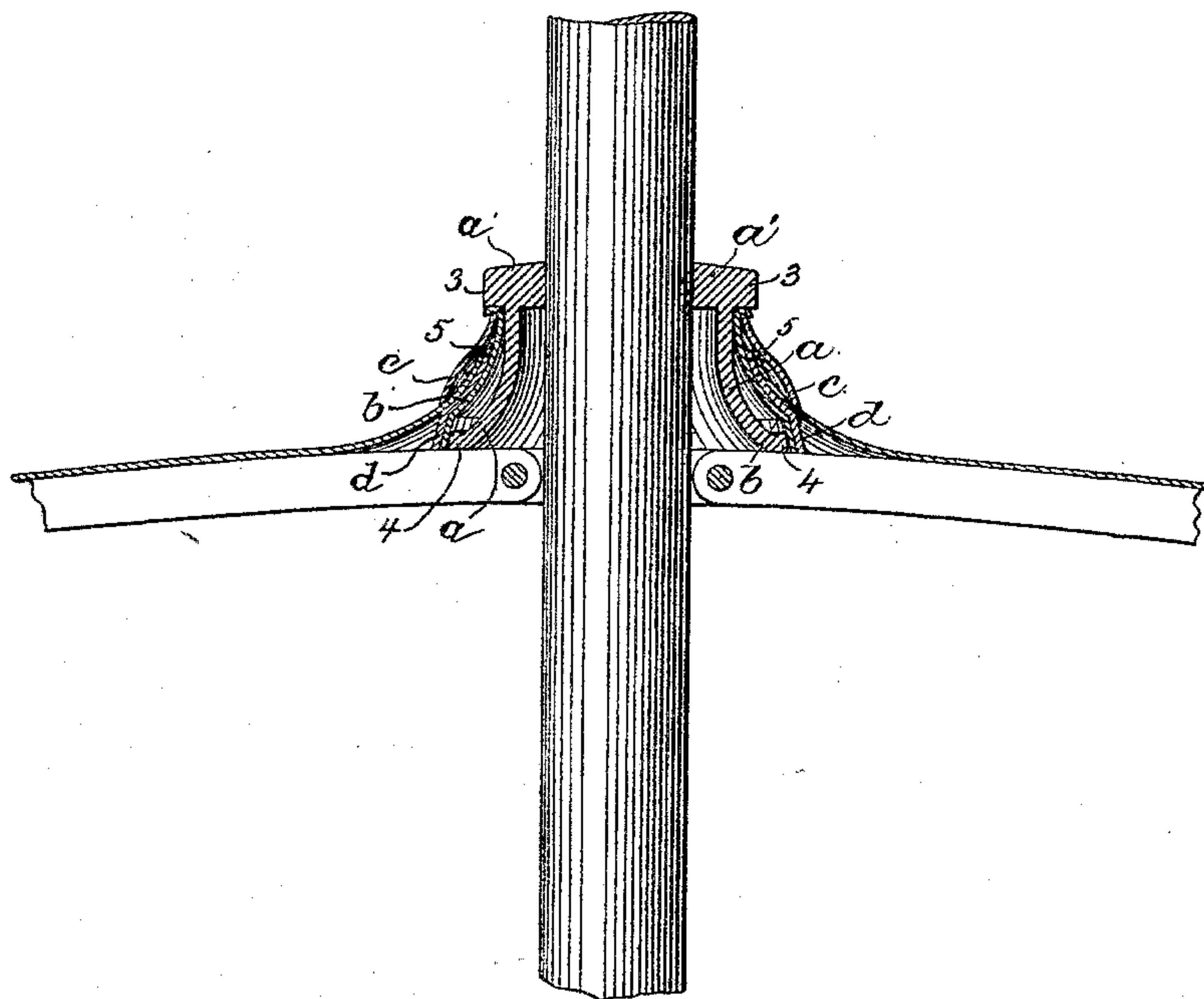
(No Model.)

A. J. ROBINSON.

DETACHABLE COVER FOR UMBRELLAS OR PARASOLS.

No. 411,682.

Patented Sept. 24, 1889.



Witnesses.

Admiral L. Emory-
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UNITED STATES PATENT OFFICE.

ANDREW J. ROBINSON, OF BOSTON, MASSACHUSETTS.

DETACHABLE COVER FOR UMBRELLAS OR PARASOLS.

SPECIFICATION forming part of Letters Patent No. 411,682, dated September 24, 1889.

Application filed May 27, 1889. Serial No. 312,230. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. ROBINSON, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Detachable Covers for Umbrellas or Parasols, of which the following description, in connection with the accompanying drawing, is a specification, like letters on the drawing representing like parts.

In another application filed by me, Serial No. 308,624, a detachable cover for umbrellas or parasols is shown having means at the outer edge for connection with the ends of the bows or ribs and having a yielding connection at the center by which the cover is attached to or connected with the stick, said yielding connection being in direct contact with the stick and comprising a tubular or body portion and a lip and a metallic collar supporting said body portion. In said application the cover was attached by fastenings to the metallic collar or to both the said collar and yielding connection.

This invention has for its object to improve and cheapen the construction of the connection, more particularly as to means of fastening the cover; and the invention consists in details of construction, to be hereinafter pointed out at the end of the specification.

The drawing shows in vertical section a yielding connection for attaching umbrella-covers embodying this invention. The yielding connection herein shown comprises a tubular hub or body *a*, having a lip *a'* and preferably two external flanges 3 4, yet so far as the most essential features of this invention are concerned the construction of this connection may vary materially. Two metallic collars *b c*, preferably made flaring, as shown, are placed one within the other, the inner one, as *b*, being somewhat longer than the outer one *c*. The cover and also, preferably, a washer, as *d*, are placed between these two collars, and when in proper position the upper edge of one of the collars, as *b*, is turned over the upper edge of the other collar *c* by means of a suitable die, thereby binding the two collars together and holding the cover firmly without the aid of other fastenings.

I do not desire to limit my invention to the particular shape of collars, as they may vary materially. By employing two metallic collars or their equivalent the cover is securely and rigidly held, and no water can pass between them, owing to the overturned edge of the collar *b*, while the yielding connection prevents water running down the stick. The washer *d* may be placed at either side of the cover, as desired, but will preferably be attached to the cover by stitches, as 5.

I do not herein lay claim to anything shown or described in application, Serial No. 308,624, before referred to.

I claim—

1. A detachable umbrella-cover having sockets or other suitable means at the edge to hold it on the bows or ribs, combined with a yielding connection for the stick and two independent collars between which the cover is held, substantially as described.

2. A detachable umbrella-cover having means at the edge for holding it on the bows or ribs, combined with a yielding connection for the stick, and two metallic collars, the upper edge of one of which is turned over the other and formed to bind the cover firmly between them, substantially as described.

3. A detachable umbrella-cover having means at the edge to hold it on the bows or ribs, combined with a yielding connection encircling the stick, two metallic binding collars for the cover, and an interposed washer of yielding material, substantially as described.

4. A detachable umbrella-cover having means at the edge to hold it on the bows or ribs, combined with a yielding connection encircling the stick, a metallic shield or collar for binding or holding the cover frictionally, and an interposed washer *d*, attached to the cover, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ANDREW J. ROBINSON.

Witnesses:

BERNICE J. NOYES,
HOWARD F. EATON.