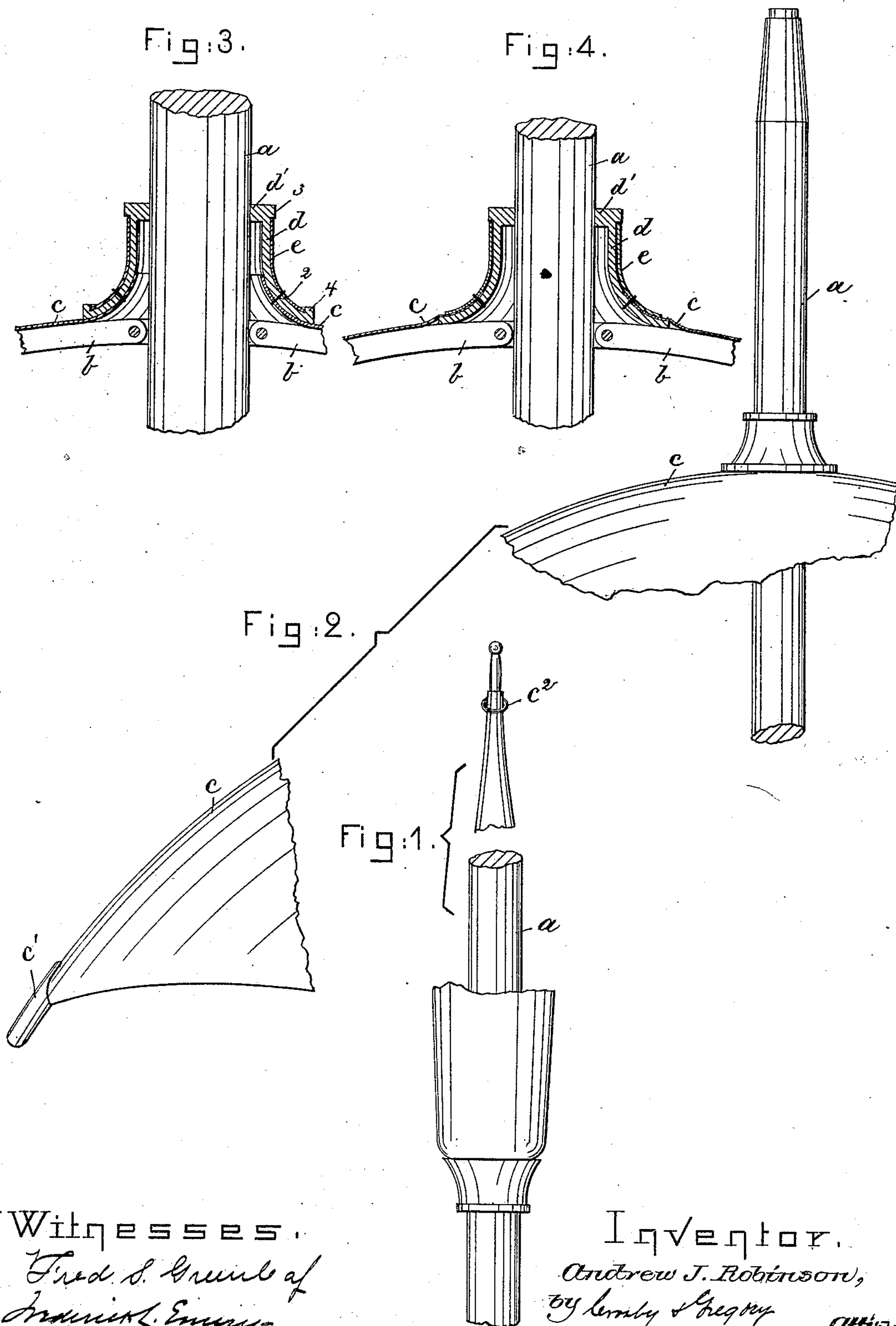


(No Model.)

A. J. ROBINSON,
DETACHABLE COVER FOR UMBRELLAS OR PARASOLS.
No. 422,632. Patented Mar. 4, 1890.



Witnesses.
Fred S. Greenleaf
J. M. L. Emery

Inventor.
Andrew J. Robinson,
by Lemly & Gregory Attys.

UNITED STATES PATENT OFFICE.

ANDREW J. ROBINSON, OF BOSTON, MASSACHUSETTS.

DETACHABLE COVER FOR UMBRELLAS OR PARASOLS.

SPECIFICATION forming part of Letters Patent No. 422,632, dated March 4, 1890.

Application filed April 25, 1889. Serial No. 308,624. (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 and Parasols, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings representing like parts.

10 This invention has for its object to improve the construction of detachable covers for umbrellas and parasols.

In accordance with this invention the cover is made of textile material of any suitable shape and size, it being provided with means for attaching it to the ends of the bows and also to the stick. The means herein shown for attaching the cover to or holding it firmly in connection with the stick, and which constitutes the essential feature of this invention, consists of a flexible or yielding connection, preferably composed of rubber, formed at one end to snugly engage the stick and at the other end to be connected or attached directly or indirectly with the material of the cover. The flexible collar or ring comprises a lip and a tubular portion, which is inclosed in and supported by a metallic collar, which adds to it strength and rigidity, said metallic collar being held in place by a rib or equivalent formed on the flexible tubular collar or by suitable fastenings. The fastenings by which the cover is attached to the ends of the bows may be made as sockets to inclose the ends or rings to pass through eyes formed at the ends, or, in fact, may be of any well-known or suitable kind.

Figure 1 shows in elevation a portion of an umbrella and a portion of one of the bows; Fig. 2, a side elevation of a portion of an umbrella and one of the bows, it being represented as opened; Fig. 3, an enlarged vertical section of the fastening or means for holding the cover on the stick, and Fig. 4 a similar view showing the cover as attached to the said means exteriorly instead of interiorly.

The stick *a*, of any suitable size and shape in cross-section, and the pivoted bows *b* are all as usual.

50 The cover *c* is made of suitable shape to fit accurately, or substantially so, upon the bows

when opened. As a means of attaching the outer edge of the cover to the ends of the bows I may employ sockets *c'*, formed to receive the ends of the bows, or rings, as *c''*, formed to pass through eyes formed in the ends of the bows, or any other well-known or suitable fastening.

As a means for attaching or holding the cover firmly on the stick I employ a flexible collar, preferably composed of rubber and comprising a tubular portion or body *d*, having a lip *d'*, formed to directly and snugly fit the stick. The tubular portion *d* is flared outwardly at one end, and, as shown in Fig. 3, receives interiorly the cover *c*, which is attached thereto in any suitable manner, as by stitches 2. To add strength, durability, and rigidity to the said tubular portion, I inclose it in a metallic collar or shield *e*, said collar or shield being held in place by flanges, as 3, 4, formed exteriorly on the lip *d'* and its tubular portion *d*, or otherwise. The flange 3 also serves to prevent water from trickling down between the metallic collar and yielding connection.

In Fig. 4 I have shown the cover *c* as attached to the tubular portion or collar *d* exteriorly, or between the said portion or collar and the metallic collar or shield *e*, so that I do not desire to limit my invention to the precise way by which the collar and cover are connected.

The lip *d'*, being made of rubber or equivalent flexible or elastic material, readily yields to compensate for sticks of various sizes.

The flexible or yielding collar, or "connection," as it may be termed, as herein shown, comes in direct contact with the stick, and thereby effectually prevents water from running down the stick when the umbrella is opened and in use, and also the said portion *d*, made flaring, as shown, serves as a shield or protector for the joint-connection of the bows, thereby preventing water from coming in contact therewith and rusting the same.

I do not herein broadly claim a detachable cover for umbrellas and parasols, having means by which the outer edge may be attached to or connected with the bows, combined with a flexible or yielding connection surrounding the stick in direct contact therewith,

and a metallic collar inclosing and supporting said flexible collar, as the same is not of my invention.

I claim—

5 1. A detachable cover for umbrellas and parasols, having sockets or other means by which the outer edge may be attached to or connected with the bows, combined with a flexible or yielding collar or connection consisting of a tubular portion having an inwardly-extended thin lip adapted to encircle and contact with the stick, substantially as described.

15 2. A detachable cover for umbrellas and parasols, having sockets or other means by which the outer edge may be attached to or connected with the bows, combined with a flexible or yielding connection comprising a tubular or body portion having a lip encircling the stick, and having a flange, as 3, and a metallic supporting-collar, substantially as described.

20 3. A detachable cover for umbrellas and parasols, having sockets or other means by

which the outer edge may be attached to or connected with the bows, combined with a flexible or yielding connection consisting of a tubular portion having a thin lip adapted to encircle the stick, and the metallic collar, the cover being held or supported by said metallic collar, substantially as described. 25 30

4. A detachable cover for umbrellas and parasols, having means by which the outer edge may be attached to or connected with the bows, combined with a metallic collar secured to and removable with the said cover, and a yielding connection consisting of a body portion having a flange, as 4, upon which flange the said collar rests, substantially as described. 35 40

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,
MABEL RAY.