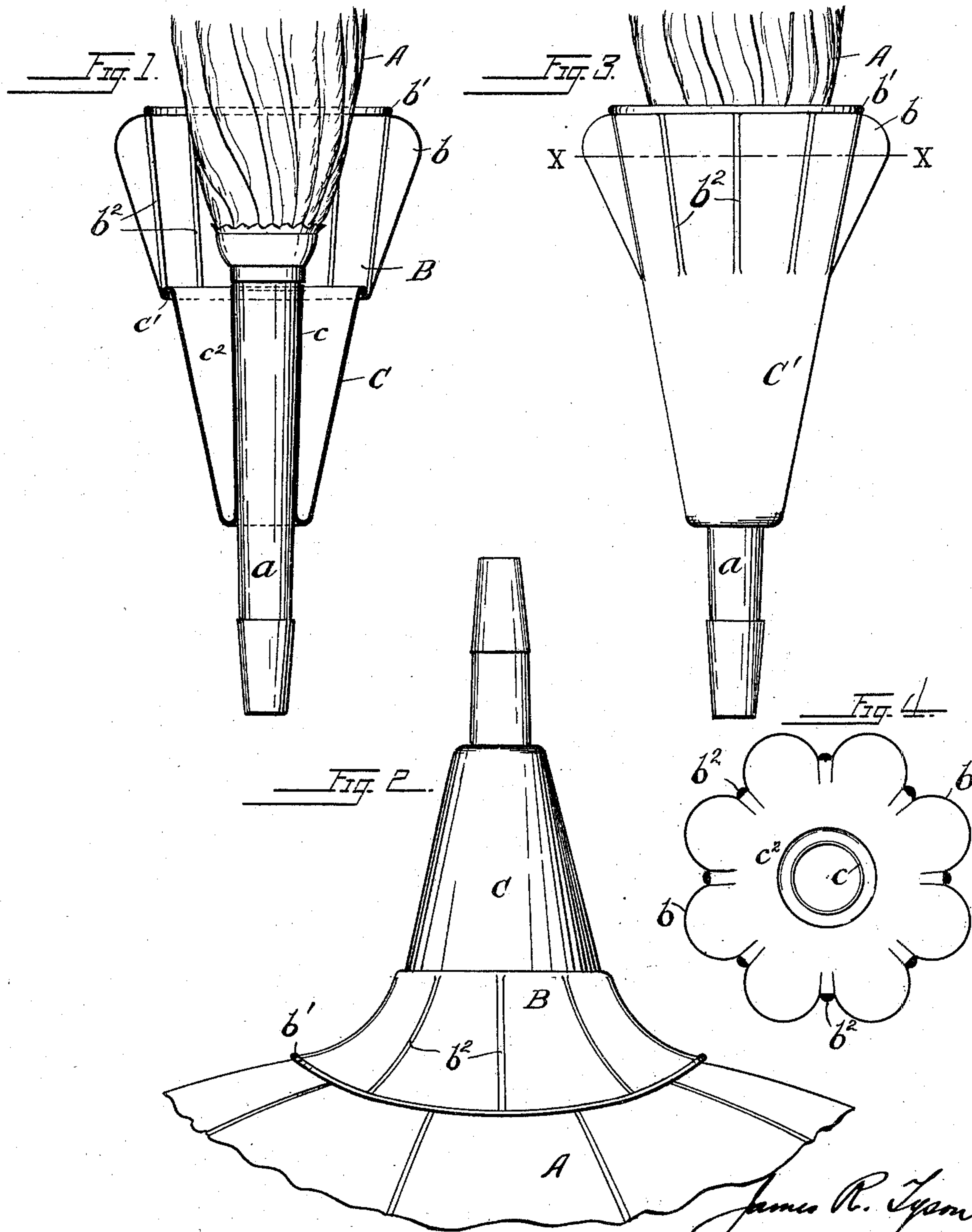


(No Model.)

J. R. TYSON.
UMBRELLA DRIP CUP.

No. 474,616.

Patented May 10, 1892.



Witnesses

Ed. A. Kelly
David Levan

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By his Attorney

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UNITED STATES PATENT OFFICE.

JAMES R. TYSON, OF READING, PENNSYLVANIA.

UMBRELLA DRIP-CUP.

SPECIFICATION forming part of Letters Patent No. 474,616, dated May 10, 1892.

Application filed September 14, 1891. Serial No. 405,625. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. TYSON, a citizen of the United States, residing at Reading, in the county of Berks, State of Pennsylvania, have invented certain Improvements in Drip-Cups, of which the following is a specification.

The purpose of my invention is to provide a drip-cup for umbrellas which will have the following main advantages over those heretofore devised: first, that of avoiding all contact of the stored drippings with the projecting stick of the umbrella, and, second, which will allow the upper portion to be easily spread over the fabric of the umbrella when opened. The contact of the water with the stick, which occurs with ordinary constructions, tends to rot it, and is therefore decidedly objectionable. The spreading of the cup over the umbrella fabric is apt to cause the very damage and unsightliness which it is intended to cover. By means of my invention both of these disadvantages are avoided, and at the same time a very desirable form of cup is produced. It is fully described in connection with the accompanying drawings, and the novel features are specifically pointed out in the claim.

Figure 1 shows the end of an umbrella with my improved cup (shown in section) attached thereto. Fig. 2 shows the cup in position on an open umbrella. Fig. 3 is a slightly-modified form of my improved cup, being made in one piece instead of two. Fig. 4 is a cross-section on line *xx* of Fig. 3.

In the drawings, A represents the lower portion of an umbrella.

B is the upper flexible portion, and C the lower rigid portion, of the drip-cup. The portion B of the cup is made of rubber or other flexible material and in Figs. 1 and 2 is represented as securely attached to the separately-formed portion C by means of a flange *c'* in such a manner as to be perfectly watertight. The said portion B is formed with longitudinal ribs *b*², running from the ring or bead *b* at the top edge to the junction of the two parts of the cup. The web portion *b* be-

tween these ribs is formed of very thin rubber and of such a shape that when the umbrella is opened and the ring stretches over the top thereof, as shown, the web portion of the cup will merely flatten out without stretching.

The lower rigid portion C of the cup is represented with funnel-shaped outer wall and an inner cylindrical sleeve *c*, which is adapted to snugly fit the ferrule end of the umbrella-stick, the annular chamber *c*², formed between them, being adapted to receive the drippings. The cup is forced on the stick until the top of the sleeve *c* reaches the body of the umbrella, thus protecting the wood of the umbrella from the rotting effects of the water contained in the cup. The portion C will be made of such a capacity as to ordinarily hold all the water that may drip from the umbrella, the upper flexible portion B being mainly intended to cover that portion of the umbrella fabric near the stick, which is often leaky or repaired, thereby presenting a neat appearance whether opened or closed. The bead *b'* is light and elastic enough to stretch easily, and practically no strain is brought on any other portion.

In the construction shown in Fig. 3 the cup is in one piece, being entirely of rubber or other suitable flexible material, the lower portion C' being made somewhat heavier than the upper portion, so as to be practically stiff or rigid.

What I claim is—

A drip-cup having a lower portion C, adapted to inclose the umbrella-stick, and an upper portion B, formed with longitudinal ribs *b*², a beaded edge *b'*, and webs *b*, all substantially as and for the purpose set forth.

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

JAMES R. TYSON.

Witnesses:

ADAM L. OTTERBEIN,
W. G. STEWART.