

(No Model.)

A. McKEVIT.
COMBINED PROTECTION CASE AND DRIP FERRULE FOR UMBRELLAS.
No. 442,991. Patented Dec. 16, 1890.

Fig 1.

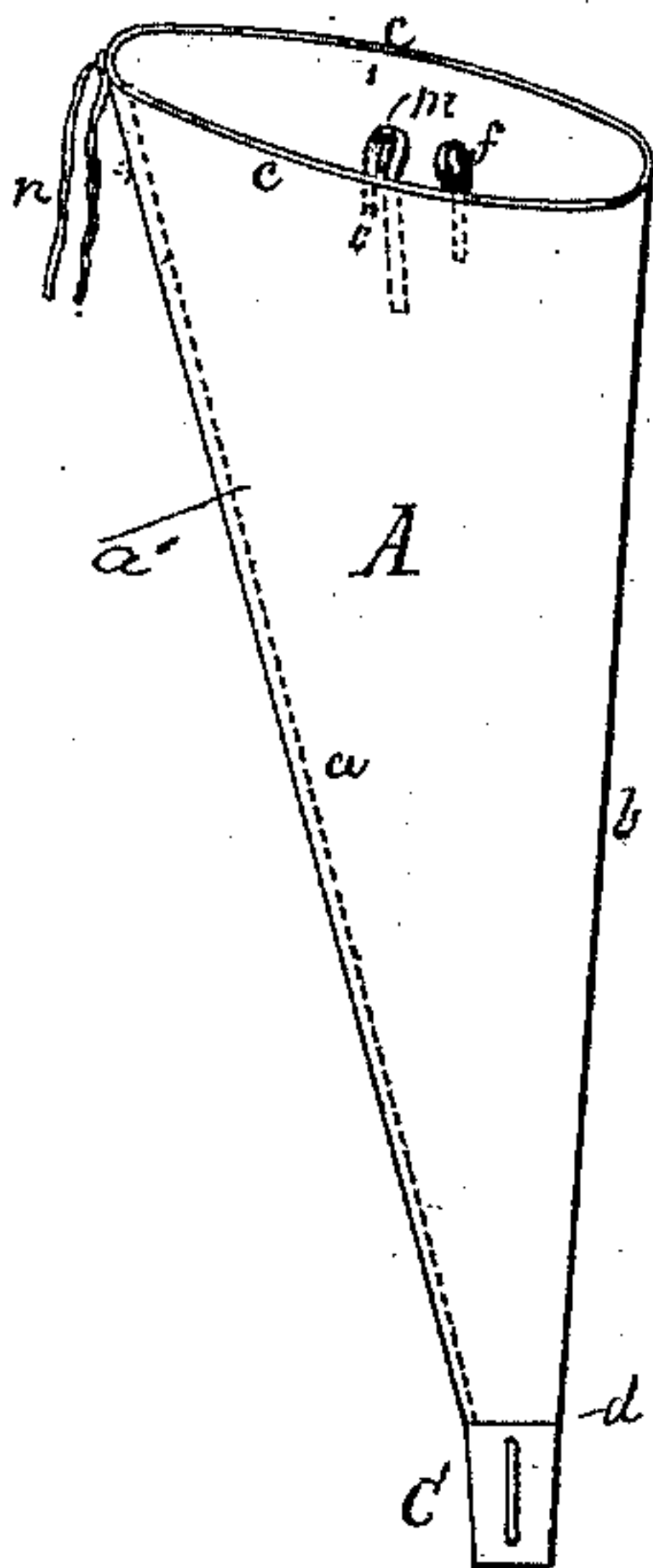


Fig 2.

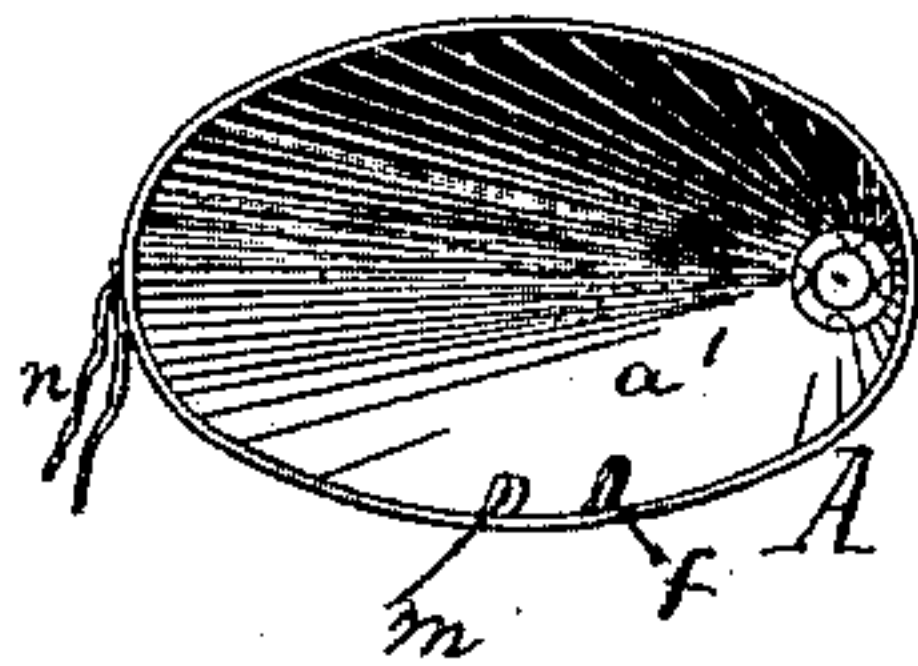


Fig 4.

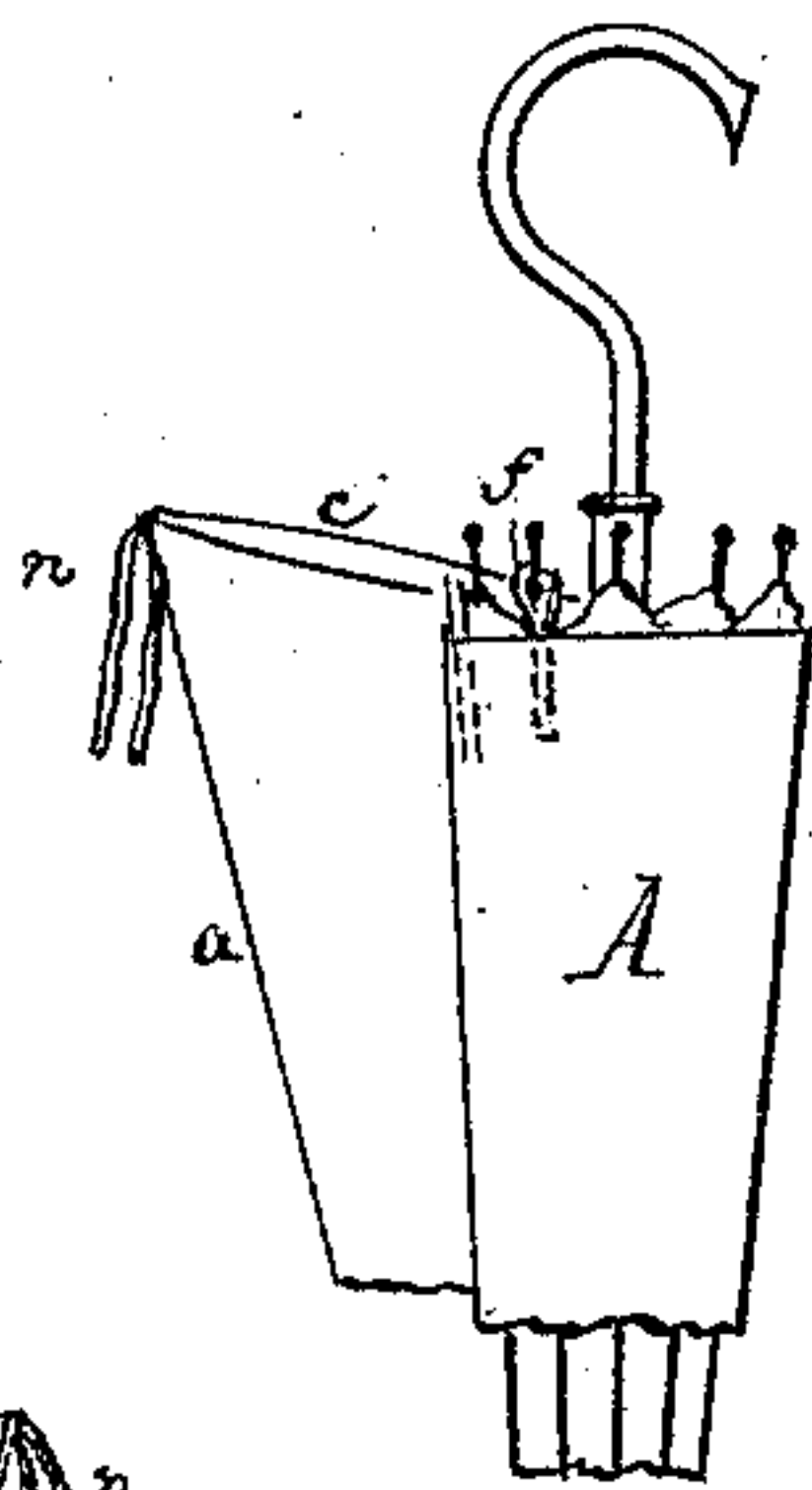


Fig 5.

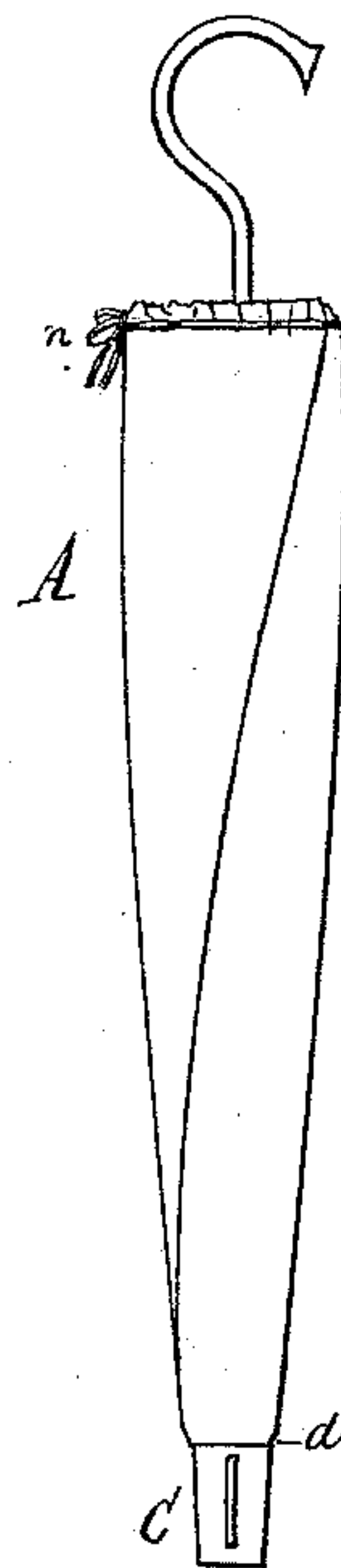


Fig 3.

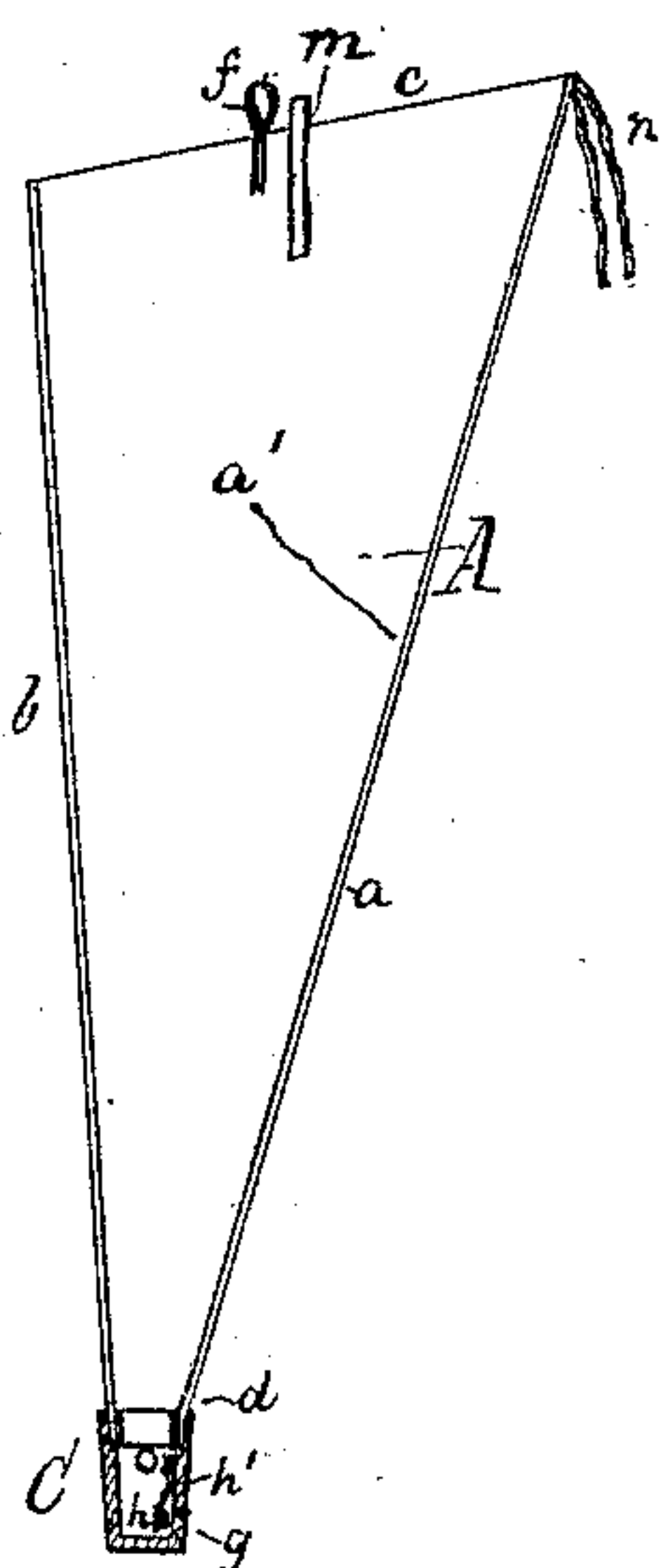


Fig 6.

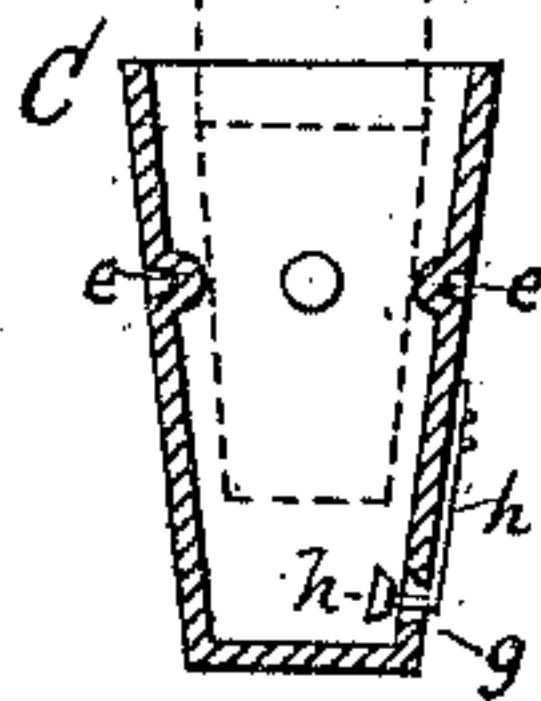


Fig 9.

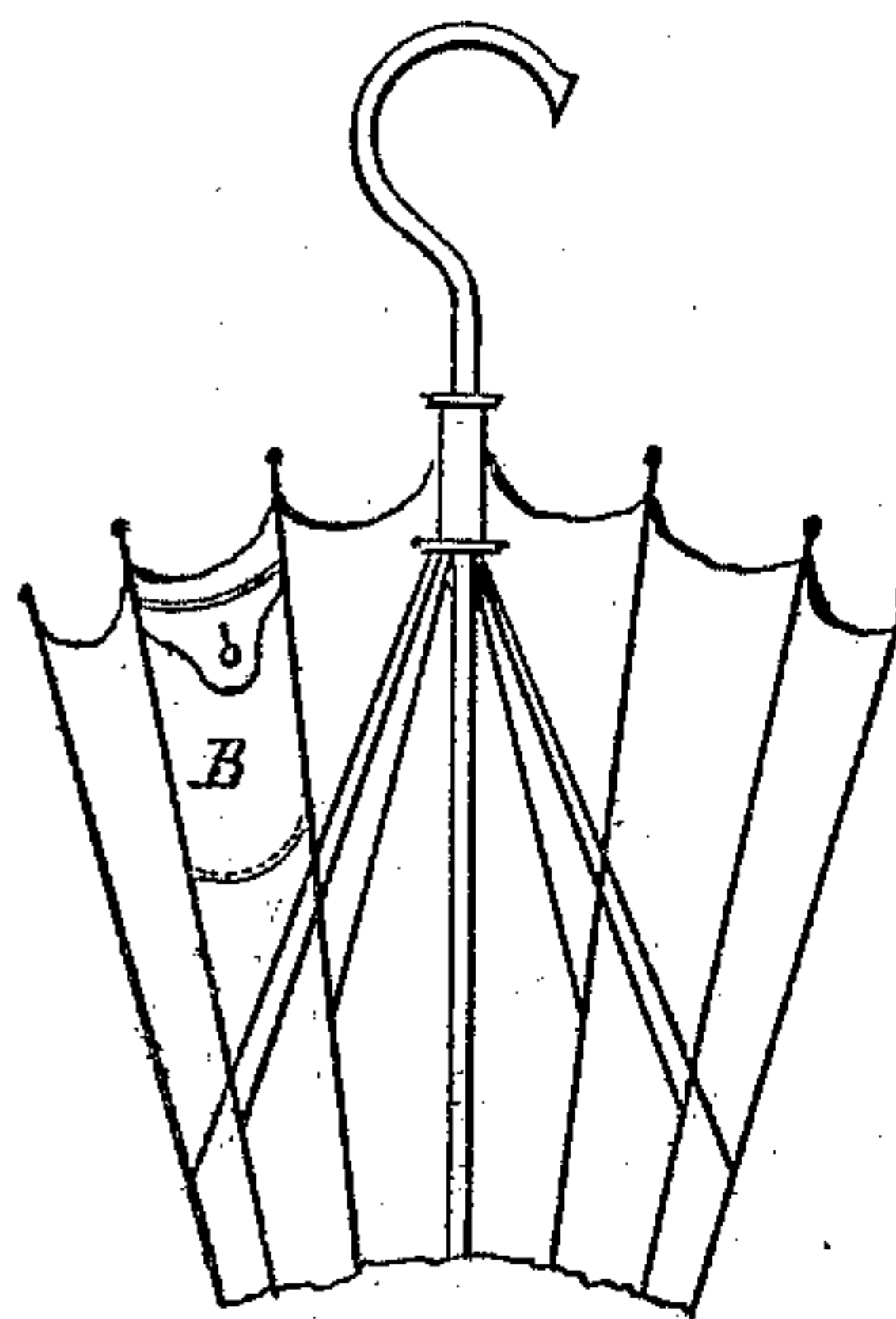


Fig 7.

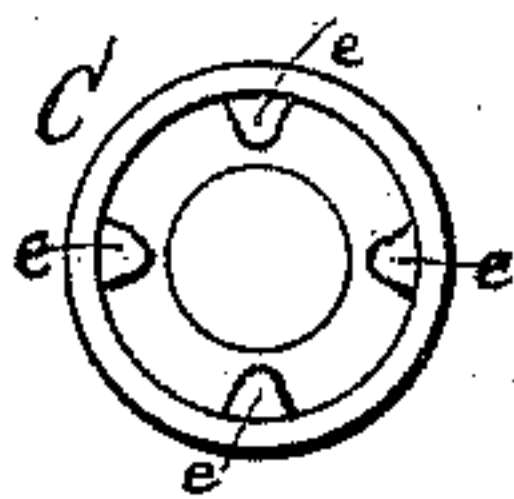
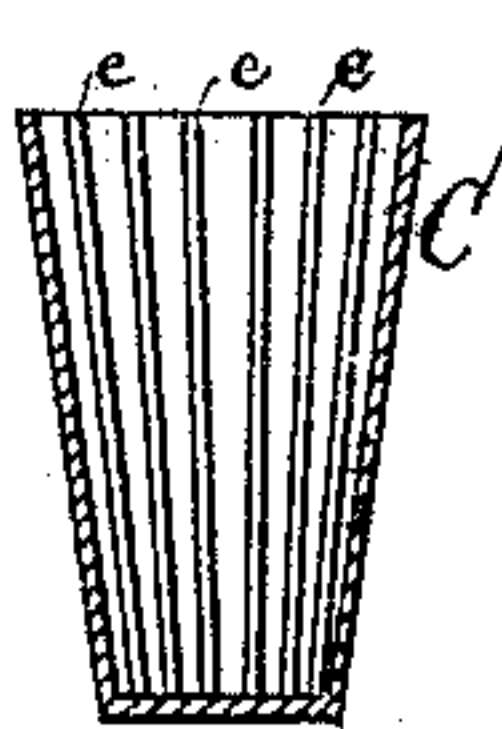


Fig 8.



Witnesses:
Edward T. Fenwick
J. P. Theo. Lang.

Inventor:
Anna McKevit
by her atty
Mason, Fenwick & Lawrence

UNITED STATES PATENT OFFICE.

ANNA McKEVIT, OF CHICAGO, ILLINOIS.

COMBINED PROTECTION-CASE AND DRIP-FERRULE FOR UMBRELLAS.

SPECIFICATION forming part of Letters Patent No. 442,991, dated December 16, 1890.

Application filed March 29, 1889. Serial No. 305,319. (No model.)

To all whom it may concern:

Be it known that I, ANNA McKEVIT, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in a Combined Protection-Case and Drip-Ferrule; and I do hereby 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.

My invention relates to a water-proof protector-case for umbrellas and parasols, and to umbrellas with such protector-cases; and it consists, first, mainly in an outside covering for an umbrella or parasol made with internal and external water-proof surfaces; secondly, in certain novel constructions and combinations of parts in a protector-case provided with a drip and wear ferrule, and, thirdly, in a combination of the said case, and an umbrella provided with a pocket for holding and concealing the protector-case when said case is not in use.

In the accompanying drawings, Figure 1 is a perspective view of the protector-case and drip-ferrule detached from an umbrella. Fig. 2 is a top view of the case. Fig. 3 is a vertical longitudinal section of the case. Fig. 4 is a broken side view showing a portion of the protector-case and a portion of an umbrella, the latter placed within the same, ready to have the case wrapped and fastened around it for hand transportation on the street, in a car, or other place. Fig. 5 is a side view of the protector-case, drip-ferrule, and an umbrella as they appear when wrapped and secured together ready for hand transportation. Fig. 6 is a broken enlarged vertical section showing the drip-ferrule and an umbrella-ferrule set in it. Fig. 7 is a longitudinal section of the drip-ferrule. Fig. 8 is a modification of the ferrule, showing ribs and vertical flutes instead of horizontal, separated projections for forming drip-water passages to the bottom of the ferrule. Fig. 9 is a broken perspective view of a portion of an umbrella, showing a pocket between two of the ribs for holding and concealing the protector-case and drip when not in use.

A in the accompanying drawings designates

a protector-case or covering for an umbrella or parasol. It is made of water-proof material—say light india-rubber cloth, oil-silk, or the like—being water-proof coated on both its inner and outer surfaces, said cloth being cut so as when it is folded it shall form an upwardly-flared tubular umbrella-receptacle, the uniting edges of the cloth being cemented to each other or otherwise suitably secured. In cutting out the material to form the case, its uniting or seam edges *a* are made to run oblique, while its folded or middle portion *b* is perpendicular, or nearly so, to the horizon, as shown. This is done in order to form a downwardly-conducting inclined water-drip-conducting surface *a'*, when the protection-case is in the condition shown in Figs. 1, 2, 3, and 4. The upper edge of the material is cut on an incline to the horizon, as indicated at *c* in Fig. 3, in order to have it lie horizontally when wrapped around the umbrella, as shown in Fig. 5.

At the tapered end of the case or cover *A*, a drip-ferrule *C*, of either metal, stout vulcanized or hard rubber, or other suitable durable material is applied, and it may be either round or polygonal; and it is secured to the protection-case by either an overlapping seam *d* or rivets, or otherwise suitably. The ferrule is tapered downwardly, and on its inner surface either vertical or horizontal projections *e*, spaced suitably to form drip-water channels between them, are provided. These projections may be formed by indenting or corrugating the sheet-metal ferrule, as illustrated in Figs. 6, 7, and 8, or by forming or attaching projecting ribs or bosses on the inside of the metal, rubber, or other ferrule.

I contemplate making the drip-ferrule large enough in diameter at its bottom to allow room around the ferrule of the umbrella for the drip-water to pass, and thus render the spacing ribs or projections unnecessary. In connection with this large drip-ferrule, as well as with the smaller internally-ribbed ferrules which serve for centralizing and holding the umbrella down in its place within the case, a loop *f* is provided for holding the umbrella down or keeping the case up around the umbrella, said loop being attached to the outside of the protection-case and passed over

one of the ribs of the umbrella, as illustrated in Fig. 5. The loop also serves for holding the case from turning while wrapping its seamed portion around the umbrella. Near the bottom of the ferrule a passage *g* is provided for the discharge of the drip-water. This passage is closed by a plug or conical valve *h*, attached to a spring *h'*, which is fastened to the side of the ferrule, either outside or inside. Instead of this spring-valve, which is operated by pressing upon the spring or upon the valve itself, a cork, plug, or any other suitable device may be adopted, and if thought best the plug may constitute the bottom of the ferrule or be inserted in the same.

For convenience in wrapping the loose, seamed, or otherwise united portion of the protection-case around the other portion of the case and umbrella, a spring-clip *m* is fastened near the same point that the loop *f* is attached, and by means of this clip the folded portions of the protection-case can be held together near the umbrella while the other portion is being wrapped around the case and umbrella, and said loose portion then can also be secured by the clip. When the umbrella is incased or wrapped, as illustrated, it is secured by a string or strings *n n* or otherwise, as shown.

My invention is intended to provide a protection-case and drip which has an upward flare, which permits the umbrella to be expanded within it, and an inclined drip-conducting surface, and which is durable and serviceable. The case as I have constructed it answers an important purpose for use in cars and vehicles, in saving the owner and fellow-passengers from the annoyance of having the clothes soiled and the health seriously impaired by drip-water from an umbrella or parasol. It is also useful in catching drip-water in public edifices and other places, and when the umbrella or parasol is carried in the hand on the streets the drip-ferrule of the protection-case serves as a protection against destruction of the lower portion of the case, it becoming the support for the umbrella while walking with the protection-case ferrule in contact with the pavement.

In connection with my improved protection-case and drip-ferrule I provide a flapped pocket B in an umbrella, this pocket being secured, by sewing or otherwise, between two of the ribs of the umbrella or parasol, and serving as a receptacle for the protection-case and drip-ferrule while the umbrella is not incased or is hoisted and in use as a protection against rain, &c.

What I claim is—

1. The protection-case for umbrellas and parasols, formed with a vertical (or nearly so) edge at the fold or middle and with an oblique conducting-surface where it is seamed or united, substantially as described.

2. The protection-case for umbrellas and parasols, formed with its upper edge inclined to the horizon and with an oblique and a vertical side edge, substantially as described.

3. The combination, with the protection-case, of a spring-clip *m*, fastened on one side of its upper edge, substantially as and for the purpose described.

4. The combination, with the open-ended protection-case having an oblique conducting-surface, of a drip-ferrule at the lower end of the case, into which the lower end of an umbrella-ferrule may be entered, substantially as described.

5. The combination of the drip-ferrule provided with a discharge-passage and a plug or valve for closing and opening the same, with the protection-case having an inclined drip-conducting surface, substantially as and for the purpose described.

6. The combination, with the protector-case A, having a drip-ferrule, of the loop *f* for holding an umbrella or parasol in its place within the protection-case and its ferrule, substantially as and for the purpose described.

7. The combination of the protection-case with an umbrella provided with a pocket, substantially as described.

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

ANNA McKEVITT.

Witnesses:

EDWARD T. FENWICK,
J. P. THEODORE LANG.