

No. 885,836.

PATENTED APR. 28, 1908.

T. H. BULLOCK, JR.
INSULATED CANOPY COLLAR.
APPLICATION FILED AUG. 24, 1906.

Fig. 1.

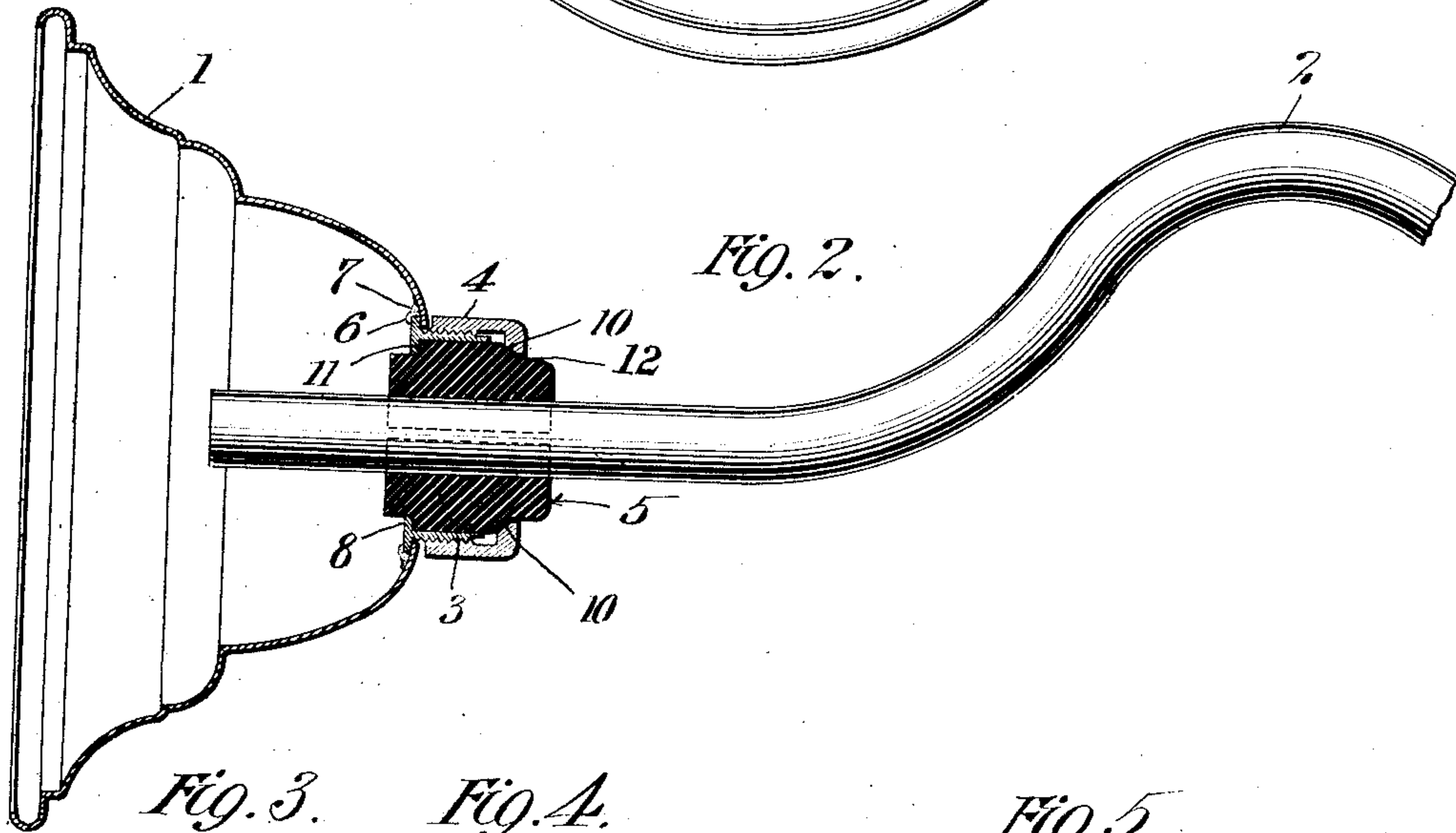
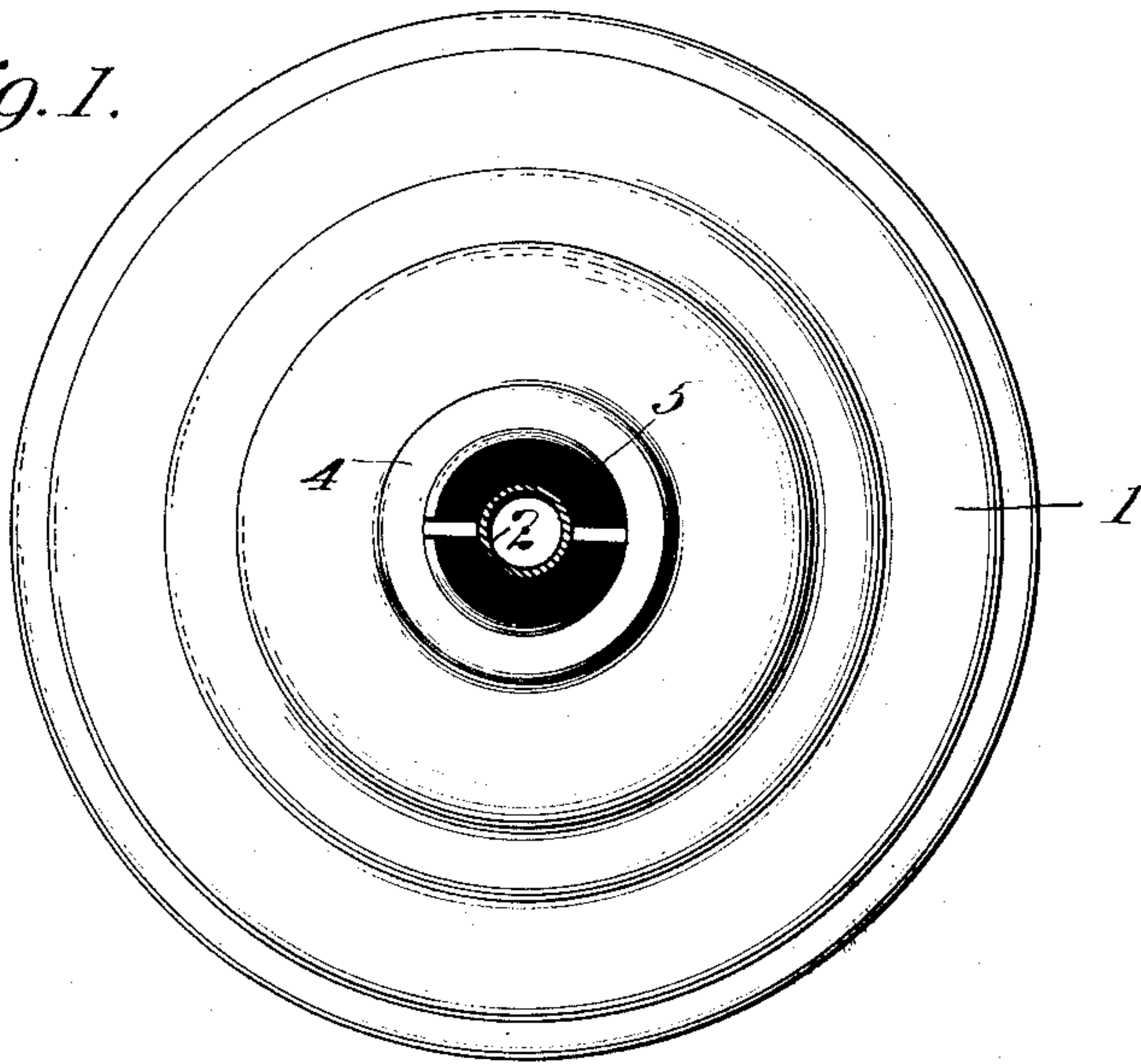


Fig. 3.

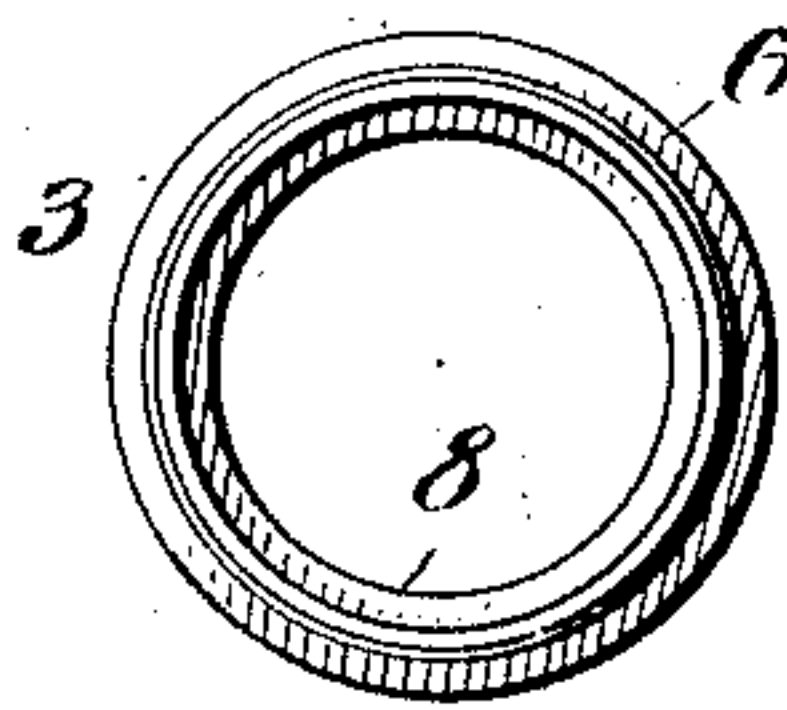


Fig. 4.

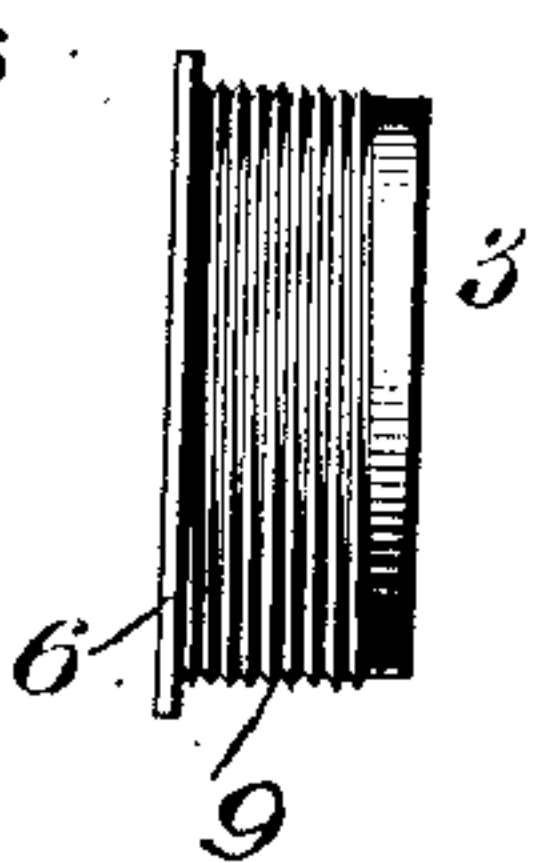
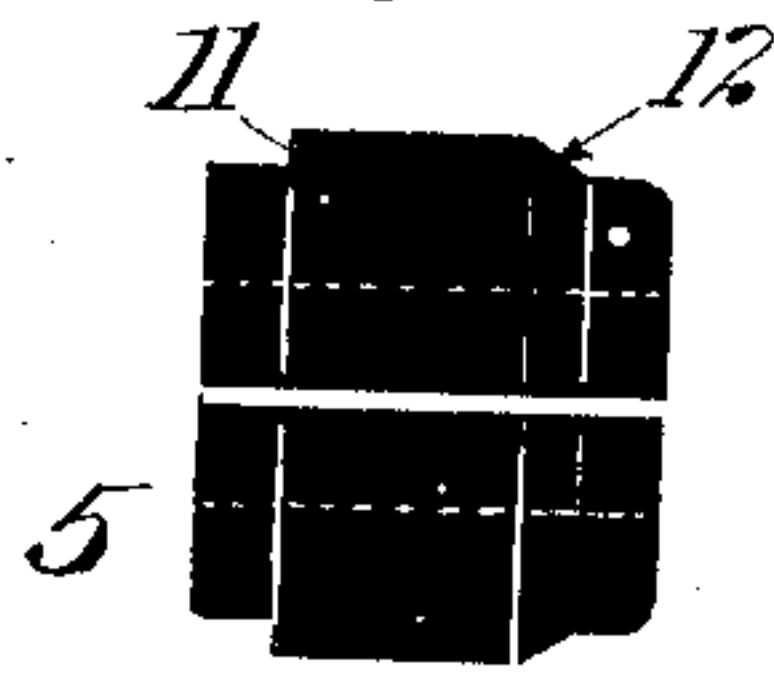


Fig. 5.



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INSULATED CANOPY-COLLAR.

No. 885,836.

Specification of Letters Patent.

Patented April 28, 1908.

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To all whom it may concern:

Be it known that I, THOMAS H. BULLOCK, Jr., a citizen of the United States, residing at the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Insulated Canopy-Collars, of which the following is a full, clear, and exact description.

My invention relates to electric fixtures, the same residing particularly in a novel construction of canopy collar adapted to secure the canopy to the usual metallic tubing of the fixture and to insulate the same therefrom.

The invention consists of a canopy collar comprising a ring and a cap, having screw-threaded connections with each other and forming the two parts of a clamp, and a contractible insulating sleeve contained within said collar and cap, adapted to embrace the metallic tubing of the fixture and to be forced into frictional contact therewith by said clamp.

The invention also consists in certain features and details of construction which will be hereinafter more fully described and claimed.

In the drawing forming part of this specification: Figure 1 is a face view of a canopy showing the application of my invention thereto, the fixture tubing being shown in section; Fig. 2 is a central sectional view through the canopy and collar; Figs. 3 and 4 are detail views of the screw-threaded ring forming part of the collar, and Fig. 5 is a detail view of the contractible insulating sleeve.

The canopy 1 and the metallic tubing 2 of the fixture may be of any suitable or usual construction.

My improved canopy collar consists of a ring 3, preferably of metal, a metallic cap 4 and a contractible insulating sleeve 5. The ring 3 has been shown as extending through the usual opening in the contracted portion of the canopy and is provided with an upwardly extending flange 6, said flange being provided for the purpose of facilitating the connection of the ring 3, with the canopy. The said ring has been shown at 7 as soldered to the canopy 1, but of course it may be connected therewith in any other suitable way. The ring 3 has also been shown as provided with an inwardly extending flange 8, and with external screw threads 9. The cap 4 is

provided with internal screw threads corresponding to the threads 9 on the ring 3 and adapted to mesh therewith. The outer end of the cap 4 is formed with an inwardly extending, preferably beveled, ledge or flange 10. Within the clamp formed by the ring 3 and the cap 4 is located the contractible insulating sleeve 5. This has been shown as made in two semi-cylindrical, separated halves, the inner bore of which is adapted to receive the metallic tubing 2 of the fixture. The inner end of the insulating sleeve 5 is slightly reduced in diameter so that it extends rearwardly through the opening in the flange 8 of the ring 3 and forms a shoulder 11 which bears against said flange. This engagement of the shoulder 11 with the flange 8 is designed for the purpose of preventing the bodily movement of the sleeve 5 toward the wall. The outer surface of the sleeve 5 is formed with an inclined or beveled wall 12 which is adapted to be engaged by the inner edge of the flange 10 on the cap 4.

In operation, the canopy 1 is placed over the tubing 2 in the usual manner with the two parts of the contractible sleeve 5 separated so as to permit the free movement of the canopy on the tubing 2, and with the cap 4 either entirely disconnected from the ring 3, or moved on said ring to its outermost position. The canopy is now moved on the tubing 2 until the inner edge thereof fits snugly against the wall. The cap 4 is then screwed up onto the ring 3 with the result that the flange 10 thereof bears against the inclined wall 12 of the insulating sleeve 5 and contracts said sleeve to force the two members thereof into frictional engagement with the tubing 2. The canopy 1 is thus locked in place upon the tubing 2 and is effectually insulated therefrom by the sleeve 5. No protruding screws or other exposed securing devices are employed as is common with the canopy collars now in use, and, when finally applied, the canopy is much more securely sustained than by the use of the usual screws referred to, by reason of the fact that a broad and extensive insulating surface is obtained between the sleeve 5 and the tubing 2. It will be evident that as the cap 4 is being screwed up onto the ring 3, it is impossible for the sleeve 5 to be moved therewith, as longitudinal movement of said sleeve independently of the ring 3 is prevented by the engagement of the shoulder 11 with the flange 8.

It will be apparent from the foregoing description that my improved canopy collar may be used in connection with any of the usual forms of canopy and that the ring 3 may be secured to the canopy in any desired manner. In fact it is not necessary that the connection between the ring 3 and the canopy 1 be a permanent one, the only essential being that the sleeve 5 be held in frictional engagement with the tubing 2.

Having described my invention, I claim:—

1. In a canopy collar, a split sleeve of insulating material adapted to be applied to a tubing and having an inclined or beveled surface, a two-part clamp embracing said sleeve and of greater interior diameter than the bore of the sleeve, one of the parts of said clamp preventing the independent longitudinal movement of said sleeve, and the other acting upon said inclined surface for forcing

the sleeve into frictional engagement with the tubing, and a canopy carried by said clamp.

2. In a canopy collar, a split sleeve of insulating material adapted to be applied to a tubing and having an inclined or beveled surface, a clamp embracing said sleeve and of substantially greater interior diameter than the bore thereof, and consisting of an externally screw-threaded ring having an abutment against which the sleeve bears and an internally screw-threaded cap having a flange thereon adapted to engage said inclined surface.

In witness whereof, I subscribe my signature, in the presence of two witnesses.

THOMAS H. BULLOCK, JR.

Witnesses:

H. S. SALT,

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