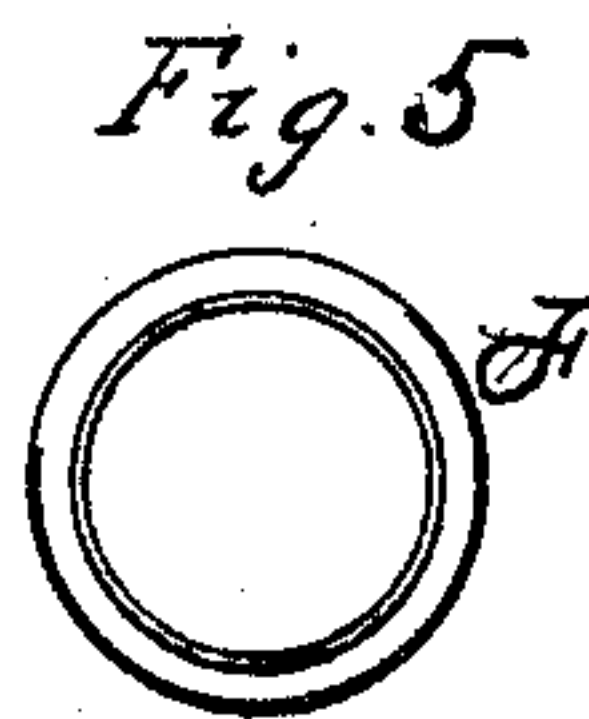
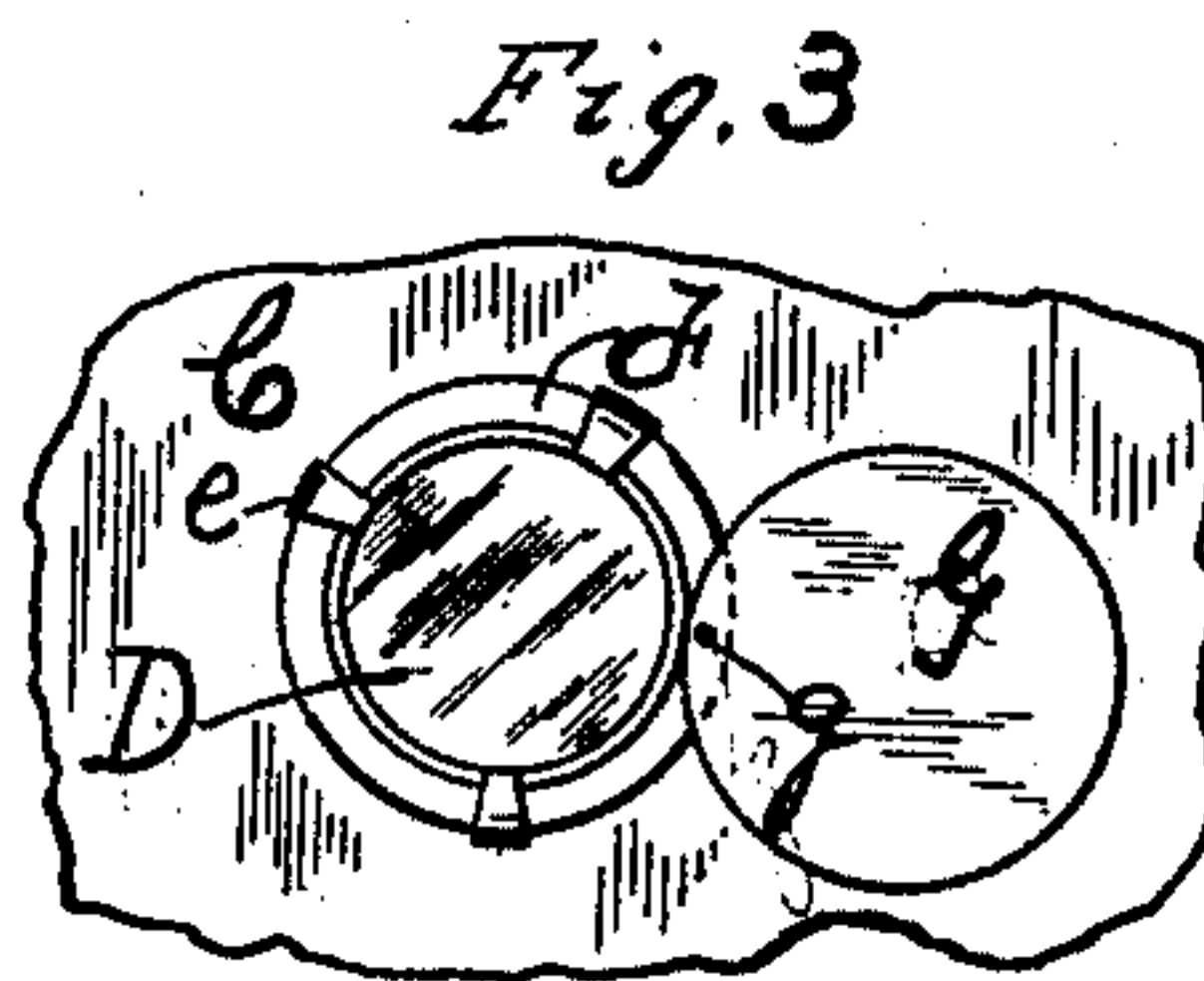
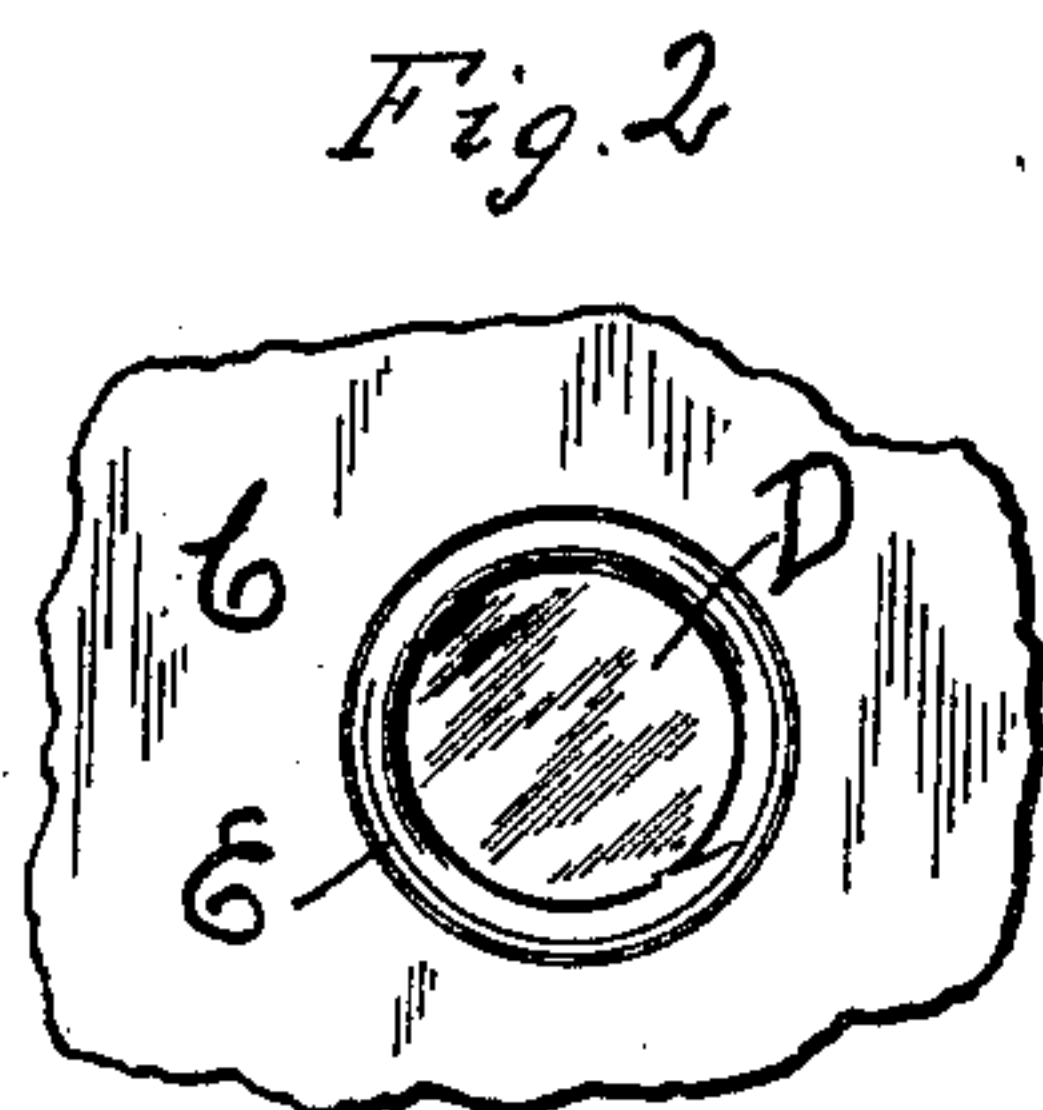
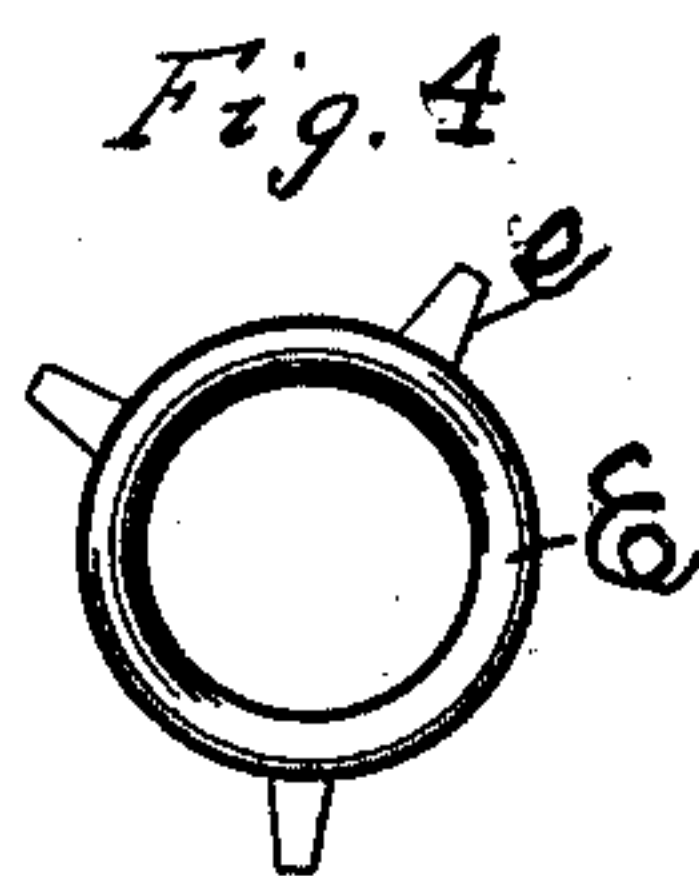
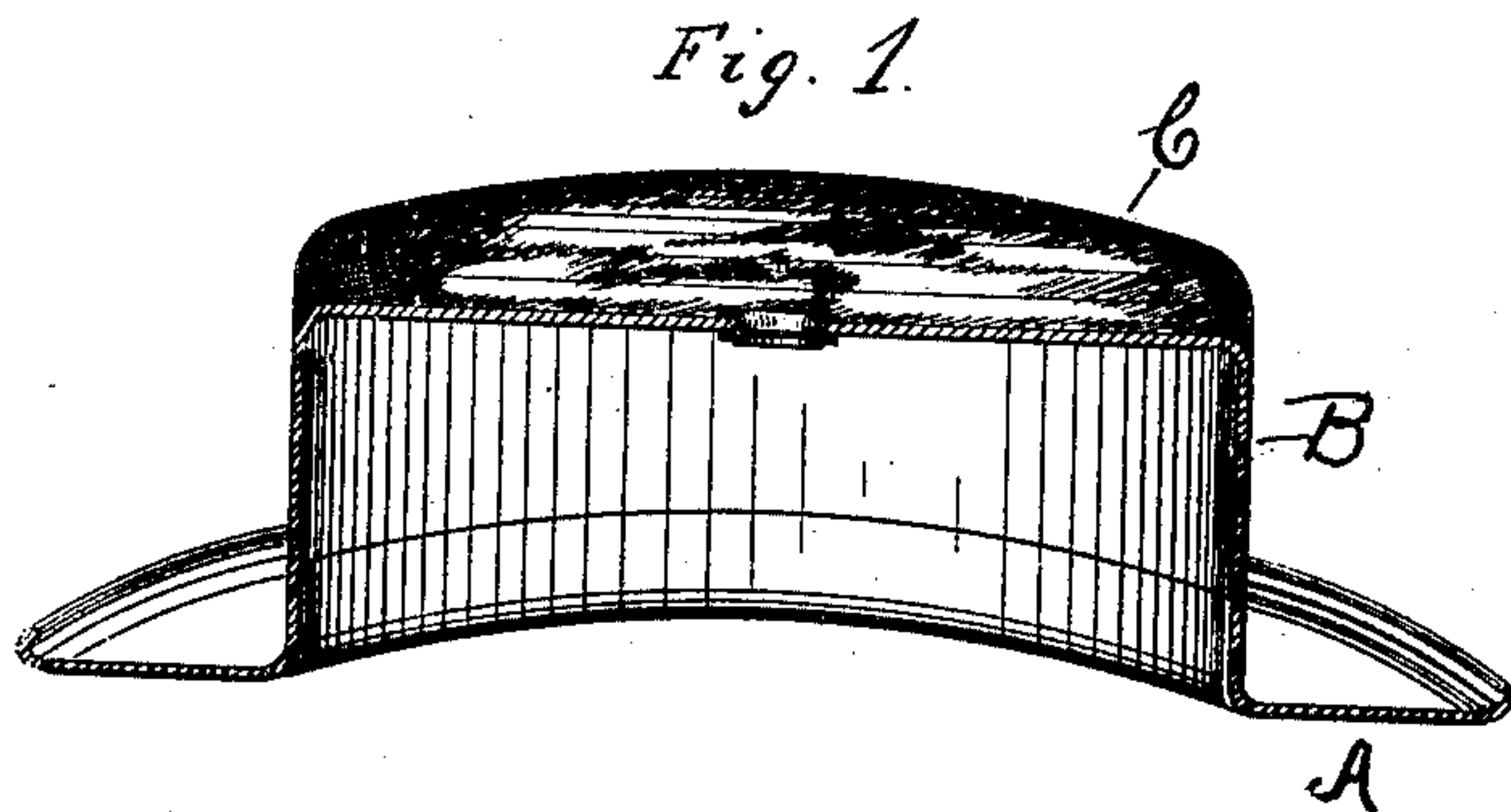


No. 707,956.

A. BOUILLY.  
HEAD COVERING.  
(Application filed Feb. 12, 1902.)

Patented Aug. 26, 1902.

(No Model.)



Witnesses.

Otto E. Johnson.

Annie S. Phillips

Inventor.

August Bouilly

Charles H. H. H. H.

Att'y

# UNITED STATES PATENT OFFICE.

AUGUST BOUILLY, OF CHICAGO, ILLINOIS.

## HEAD-COVERING.

SPECIFICATION forming part of Letters Patent No. 707,956, dated August 26, 1902.

Application filed February 12, 1902. Serial No. 93,736. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST BOUILLY, a subject of the King of Sweden and Norway, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Head-Coverings, of which the following is a specification.

My invention relates to hats and other coverings for the head; and the object thereof is to permit the access of light to the interior of the head-covering, while excluding rain and the other elements therefrom. It is well established that baldness and other imperfect conditions of the hair and scalp are directly due to wearing the common close-fitting and dark-interiored hats and caps. More or less open ventilating devices have been designed, but these cannot be of sufficient size to allow the entrance of any material amount of light without unduly exposing the head.

By my invention the interior of the hat can be fully lighted, thus establishing the most healthful conditions for the hair and scalp of the wearer. At the same time the hat is not in any way varied from the usual conventional lines, nor is any noticeable change made in its appearance.

The principles of my invention are illustrated in the drawings, in which in Figure 1 it is applied to a soft or Fedora hat, the same being shown in vertical and longitudinal section. Fig. 2 is a top view of a portion of a hat-tip with my invention attached. Fig. 3 is a view of the same looked at from below. Figs. 4 and 5 are corresponding views of a suitable attaching means for securing to the hat an inclosed plate of translucent material.

Further describing the same by reference to the drawings, A is the rim, B the side of the crown, and C is the tip, of a hat, the same being of the soft or Fedora type and longitudinally creased in the form in which such hats are usually worn. Centrally of the tip is an opening, preferably circular in form, in which is inserted a piece of translucent material D, such as glass or mica. A secure fastening for the inserted plate and at the same time a neat finish for the edges of the opening is shown in Figs. 4 and 5, in which E is a ring with projections *e*, formed integrally therewith, and F is a similar ring without the projections. In securing the plate in place the same is put over the opening, the ring E placed thereover, and the projections

*e* passed downwardly through the material of the hat-tip. The ring F being placed in position on the lower side, the points *e* are bent therearound, as shown in Fig. 3, securing the whole together.

It is clear that any size or shape of openings or any suitable translucent material or any means of fastening the same either above or below the material of the hat may be used in carrying out the principles of my invention. It will be seen that it is also applicable to any style of hat, the finish of the external securing-ring being approximated to that of the conventional ventilators. Neither is the place of application or the number applied material, as in a hat of the type shown several openings and of large size can be placed in the bottom of the depression in the tip without attracting attention.

It may be desirable at times to shut out the direct rays of the sun, and to this end a small shutter G may be attached to the lower securing-ring by the pivot *g* or other suitable means in such a manner that it may be turned from the position shown to close over the said plate.

It is evident that the principles of my invention may be applied and the same practiced in a great variety of ways. I do not, therefore, limit myself to the construction, forms, or application above shown or suggested; but

I claim, and desire to secure by Letters Patent, the following:

In a head-covering having an opening formed in the crown thereof, a ring encircling said opening on the upper side of the crown and carrying peripheral projections bent downwardly and passing through the crown, a second ring arranged on the interior of the crown and secured in position by engagement with said projections, and an imperforate plate of translucent material arranged in the said opening between the rings, and extending entirely over the opening for admitting light to the interior of the covering but excluding air, and a shutter hinged to the second ring for excluding the light.

In witness whereof I have hereunto set my hand in the presence of two subscribing witnesses.

AUGUST BOUILLY.

Witnesses:

C. K. CHAMBERLAIN,  
M. R. SANDERSON.