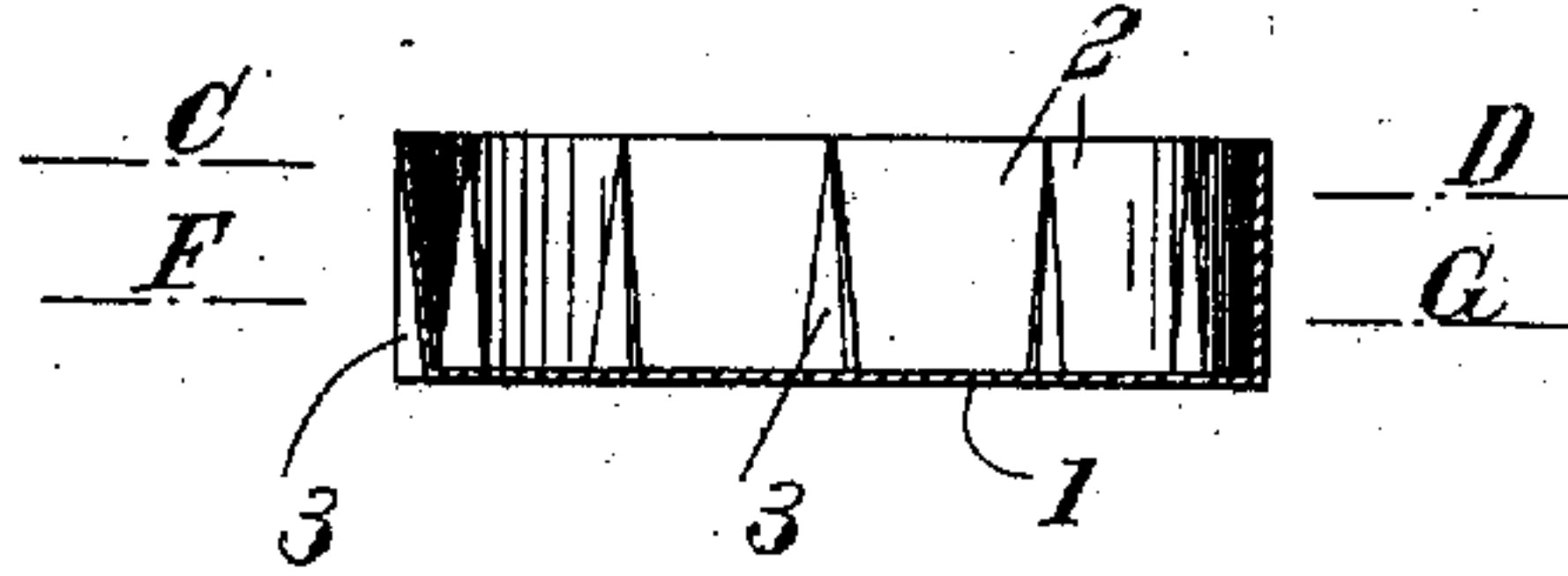


M. SCHUBERT.  
LEDGE COVER FOR HOLLOW BODIES.  
APPLICATION FILED NOV. 3, 1909.

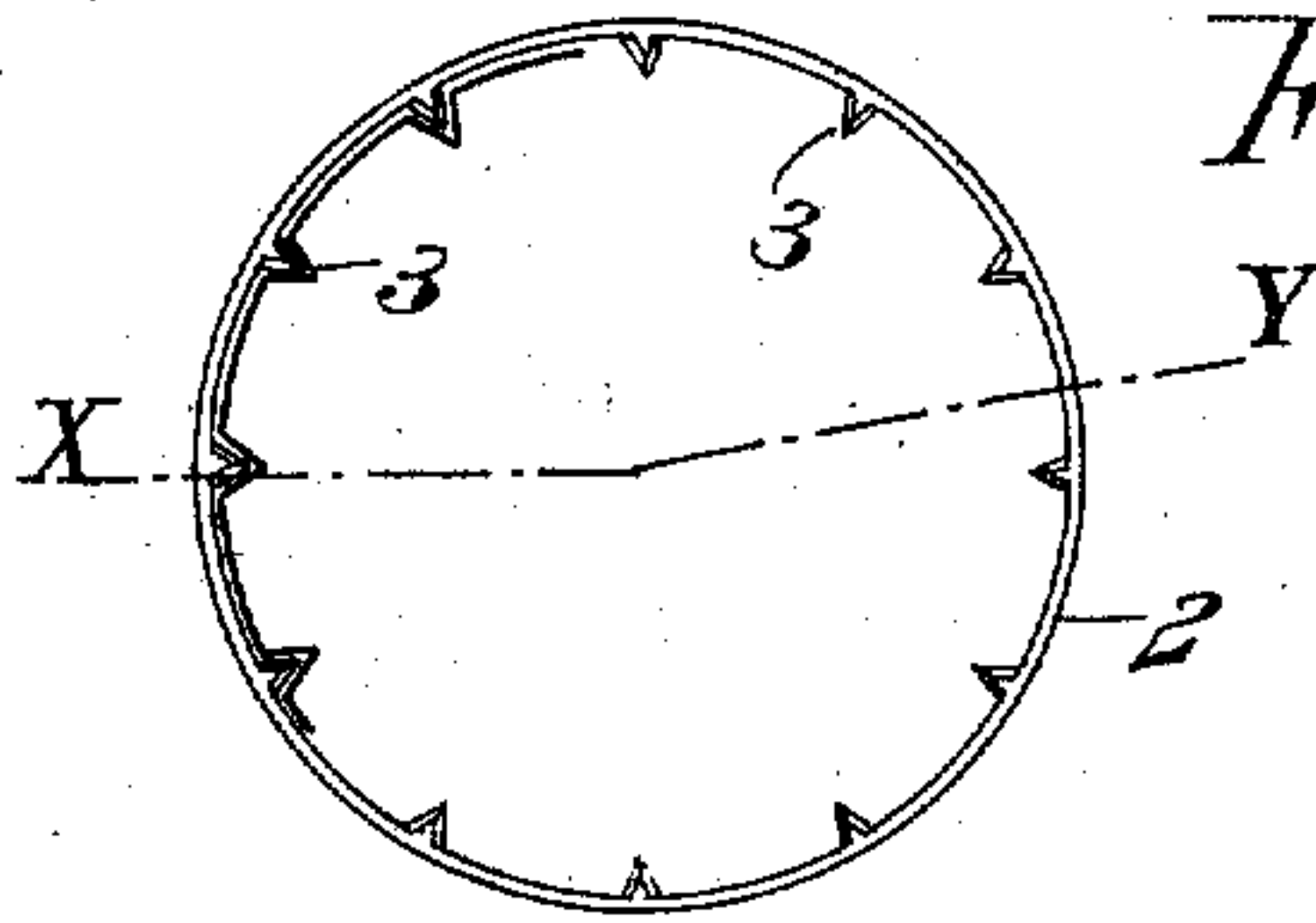
983,572.

Patented Feb. 7, 1911.

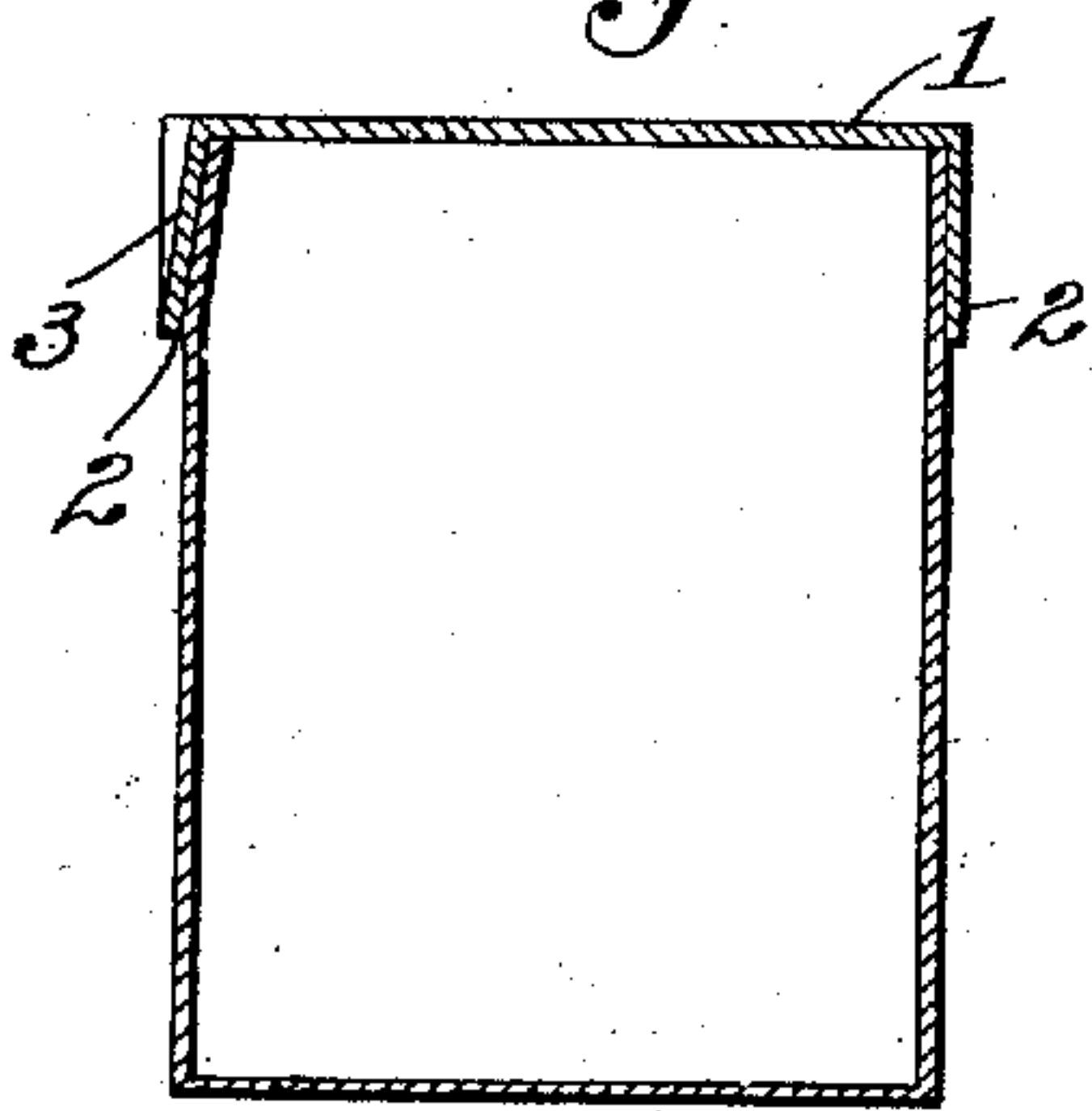
*Fig. 1.*



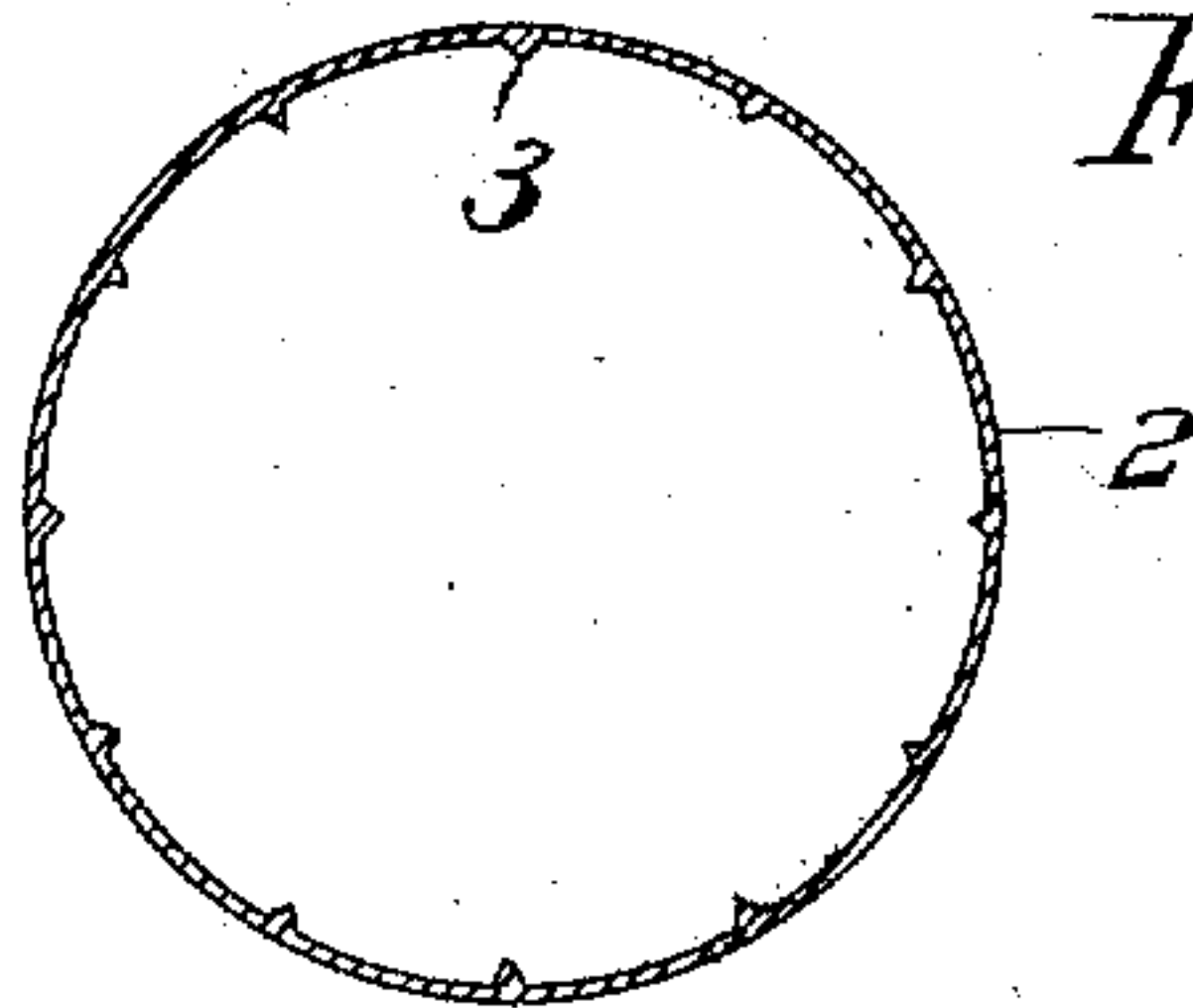
*Fig. 2.*



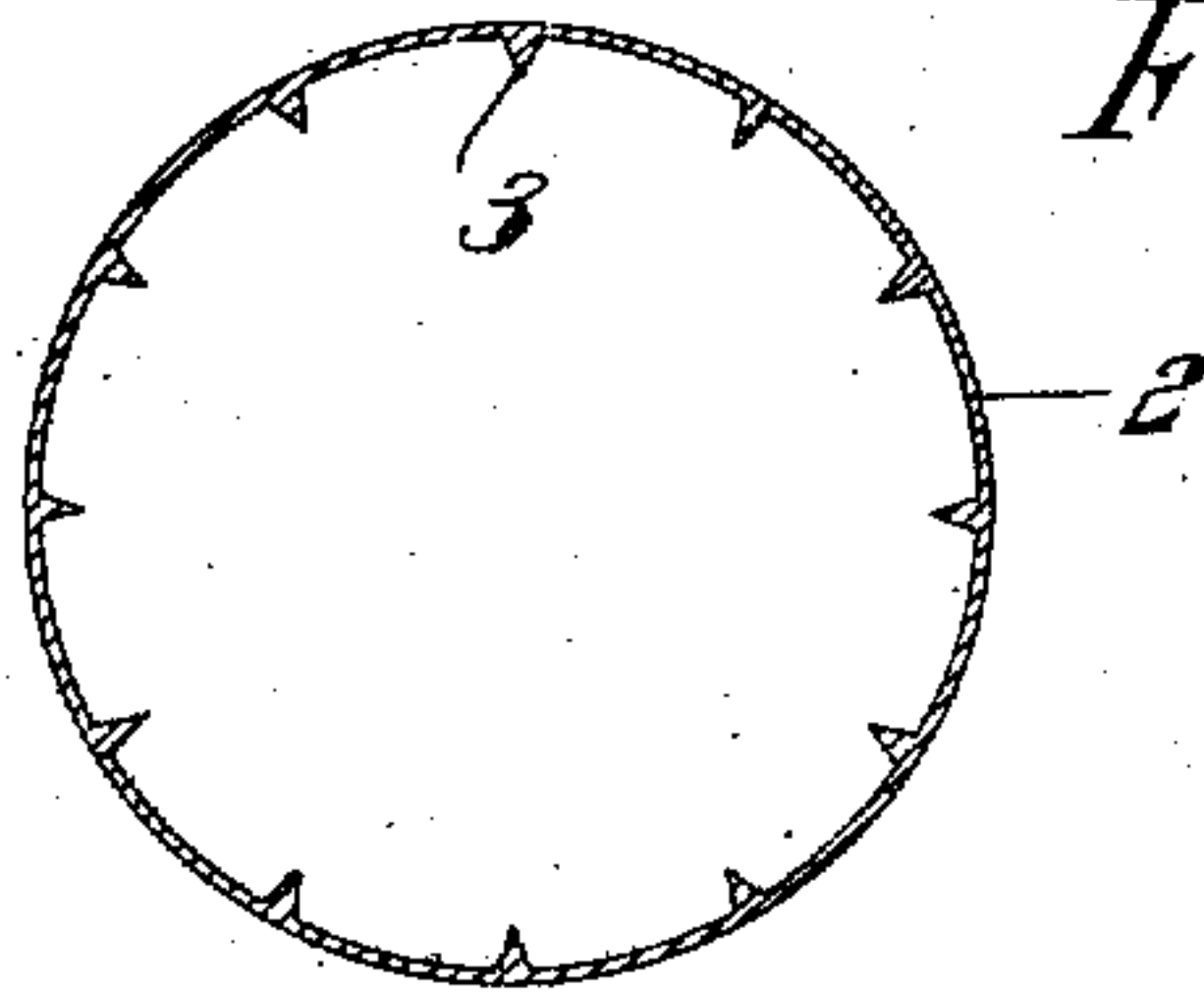
*Fig. 5.*



*Fig. 3.*



*Fig. 4.*



Witnesses:

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Inventor:

Max Schubert  
by B. J. J. Attorney

# UNITED STATES PATENT OFFICE.

MAX SCHUBERT, OF COTTBUS, GERMANY.

LEDGE-COVER FOR HOLLOW BODIES.

983,572.

Specification of Letters Patent.

Patented Feb. 7, 1911.

Application filed November 3, 1909. Serial No. 526,068.

*To all whom it may concern:*

Be it known that I, MAX SCHUBERT, a subject of the German Emperor, and resident of Cottbus, Germany, have invented certain new and useful Improvements in and Relating to Ledge-Covers for Hollow Bodies, of which the following is a specification.

The ledge covers actually employed for closing hollow bodies and mainly for the circular tubes or sleeves employed as wrappers for incandescent mantles and the like have the drawback that they seldom fit and only seldom close in a correct manner. The covers employed for said sleeves or tubes are manufactured nearly exclusively by drawing out card board disks. Now, if the card board employed for this manufacture only very slightly differs from the thickness required, the cover does not fit the tube or sleeve. The same drawback is experienced if the paper employed for rolling the tube or sleeve very slightly differs from the desired thickness or if the adhesive material has been applied in a thin layer or in a thick layer. In the first case, the cover falls off as there is no frictional engagement between the inside of the cover ledges and the outside of the tube or sleeve while in the second case the cover can be applied to the tube only with difficulty and with a great loss of time or still its application is entirely impossible.

Now, the object of this invention is to remedy this drawback.

This invention consists in that the inner surface of application of the cover is shaped in a suitable manner and is provided with projections. The latter preferably have a conical shape so that their thickness decreases or entirely disappears toward the free edge of the cover.

In the accompanying drawing: Figure 1 shows a sectional view of a ledge cover constructed according to this invention, this section being made on line X—Y of Fig. 2 from the free edge of the cover toward the bottom thereof, the conical projection which is situated on the left hand side of Fig. 1 being shown in section. Fig. 2 is a view into the cover looking from the face edge of the latter. Fig. 3 shows a section on line C—D of Fig. 1 while Fig. 4 shows a section on line E—F of same figure. Fig. 5 is a sectional view of a receptacle with the lid thereof in place.

In these figures 1 designates the bottom of the cover and 2 the ledge thereof. The latter is provided on its inside with ribs or projections 3 which are axially directed from the bottom of the cover toward the free edge thereof and are preferably conically shaped so as to diminish in thickness toward the free edge of the ledge.

The dimensions of a cover shaped in the manner described and shown may be chosen in such a manner, that the cover may be applied easily to the box and be held in place very firmly by a pressure of application which gradually increases. It is easily understood that the projections or ribs 3 provided on the inside of the cover may also receive any other suitable forms or shapes.

The manner of applying the lid to a receptacle is shown in Fig. 5 and the upper margins of the receptacle portion are shown indented by reason of the engagement therewith by the projections on the lid portion.

Having now fully described my said invention what I claim and desire to secure by Letters Patent, is:—

1. As an article of manufacture, a cap of card board or the like having a flange provided on its inner face with a plurality of tapering ridge like sections disposed parallel with the axis of the cap for engaging and indenting portions of the yielding body to which the cap is adapted to be applied, substantially as and for the purpose set forth.

2. As an article of manufacture, a cap of card board or the like having a flange provided on its inner face with means for engaging and indenting portions of a yielding hollow body on which the cap is applied, substantially as and for the purposes set forth.

3. As an article of manufacture, a cap of card board or the like having a flange provided on its inner face with means for engaging and indenting portions of a yielding body on which the cap is applied, said means being angularly disposed with respect to the flange to increase frictional engagement with the body as the cap is applied thereto.

In testimony whereof I have hereunto set my hand in presence of two witnesses.

MAX SCHUBERT.

Witnesses:

WOLDEMAR HAUPT,  
HENRY HASPER.