No. 845,751. PATENTED MAR. 5, 1907.

J. BRENZINGER.

METHOD OF FORMING COVERS FOR SHEET METAL CANS.

APPLICATION FILED MAR. 3, 1906.

Fig. 1.

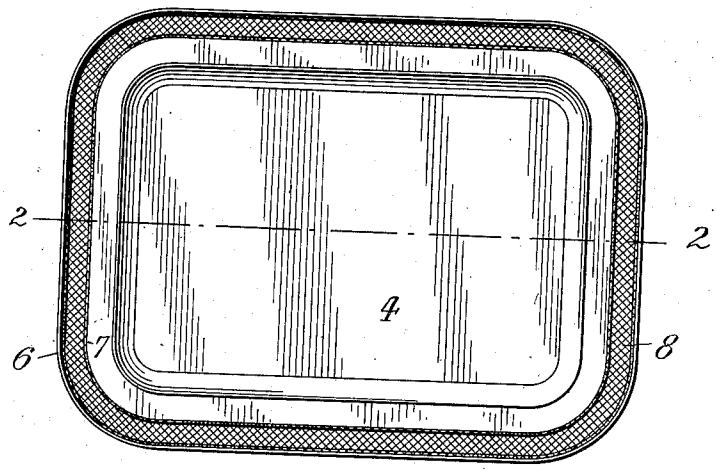


Fig. 2.

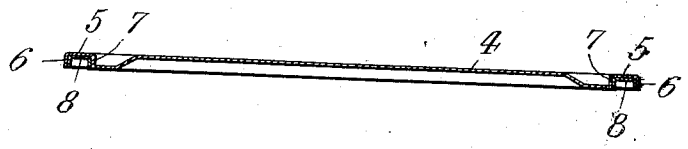
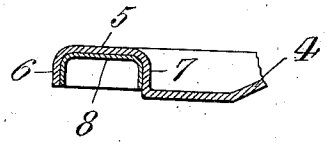


Fig. 3.



Witnesses:
Arthur Jeanpe.
William Schuby.

Inventor:
Julius Brenzinger
by Dawson & Briesen Atty.

UNITED STATES PATENT OFFICE.

JULIUS BRENZINGER, OF MOUNT VERNON, NEW YORK, ASSIGNOR TO THE MAX AMS MACHINE COMPANY, OF MOUNT VERNON, NEW YORK, A CORPORATION OF NEW YORK.

METHOD OF FORMING COVERS FOR SHEET-METAL CANS.

No. 845,751. Specification of Letters Patent. Patented March 5, 1907.

Application filed March 3, 1906. Serial No. 303,960.

To all whom it may concern:

Be it known that I, JULIUS BRENZINGER, a citizen of the United States, residing at Mount Vernon, Westchester county, State of New York, have invented new and useful Improvements in Methods of Forming Covers for Sheet-Metal Cans, of which the following is a specification.

This invention relates to a method of forming a cover for sheet-metal cans, and more particularly to means for so securing a lining composition to said cover that the composition is uniformly distributed and is protected against abrasion.

In the accompanying drawings, Figure 1 is a bottom view of a cover formed according to my method; Fig. 2, a longitudinal section thereof on line 2 2, Fig. 1; and Fig. 3 an enlarged section through the edge of the cover.

The sheet-metal body 4 of the cover may be made of oblong, round, or other form. Along its edge extends an endless gutter 5, formed by an outer circumferential flange 6 and an inner shoulder or bead 7, parallel to said flange. Into the gutter 5 is poured a lining composition in a liquid state, so as to completely fill the gutter. The composition is then evaporated to form a lining skin or film 8 on the sides as well as at the bottom of the groove. When the cover is subsequently secured to the can-body, the lining will serve to tighten the joint between cover and can.

The gutter 5 presents a convenient means for causing a ready distribution of the lining composition, when still in a liquid state, along the rim of the cover and for properly holding the composition to the cover during vaporization. It also protects the skin, when set, against abrasion and prevents a stack of covers from becoming interlocked.

What I claim is—

The method of forming a cover for sheet-metal cans, which consists in forming a circumferential gutter on said cover, flowing a lining composition into the gutter so as to completely fill the same, and evaporating said composition to form a lining-skin within the gutter, substantially as specified.

Signed by me at New York, (Manhattan,) New York, this 2d day of March, 1906.

JULIUS BRENZINGER.

Witnesses:
FRANK V. BRIESEN.
ERNEST PFENNIGUERTH.