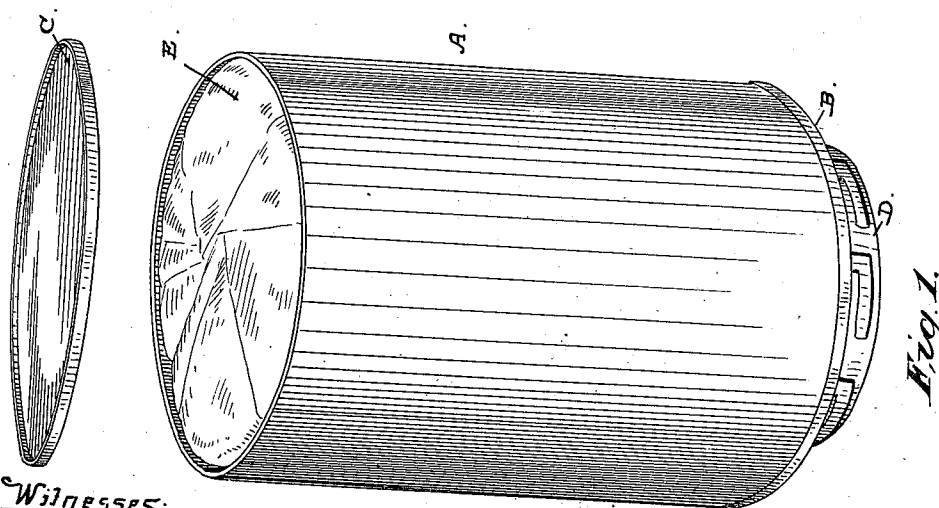
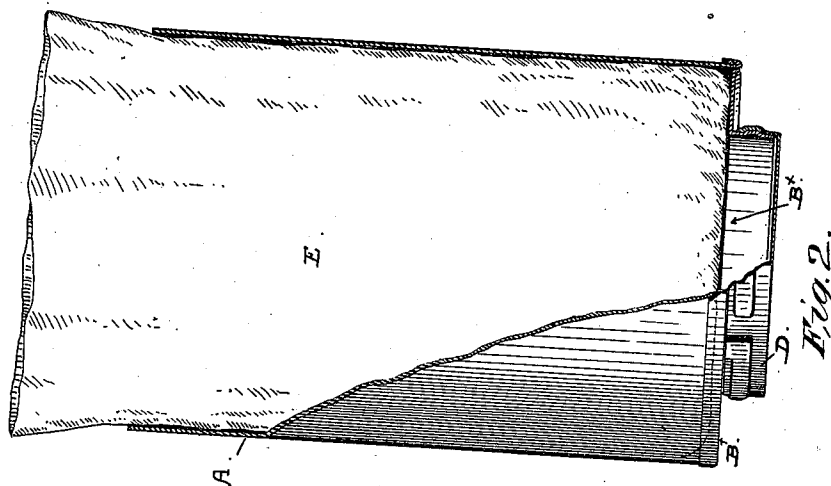


No Model.)

C. FRICKE.
AIR TIGHT PACKAGE FOR BAKING POWDER.
No. 563,366.
Patented July 7, 1896.



Witness:

M. H. H. H.
Marcus S. Lee

Inventor:
Charles Fricke
By Smith & Deborn Atty.

UNITED STATES PATENT OFFICE.

CHARLES FRICKE, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-HALF TO ISIDORE LIEVRE, OF SAME PLACE.

AIR-TIGHT PACKAGE FOR BAKING-POWDERS.

SPECIFICATION forming part of Letters Patent No. 563,366, dated July 7, 1896.

Application filed August 3, 1895. Serial No. 558,127. (No model.)

To all whom it may concern:

Be it known that I, CHARLES FRICKE, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented a new and useful Improvement in Air-Tight Packages for Baking-Powders and Methods of Filling the Same, of which the following is a specification.

This invention relates to a certain new and useful method of rendering baking-powder packages air-tight.

It is a well-known fact that in putting up baking-powders in packages moisture will soon accumulate, causing the powder to "cake" or "ball up" and to adhere to the sides of the package and impair the strength and efficiency of the powder, and more especially is this the case with packages made of tin, as they are seldom if ever made air and moisture proof, even when the can is lined with paper, so far as my knowledge and experience extend. Hence the object of my invention is to render such packages air and moisture tight, and preserve the purity and strength of the contents for a long period of time. This I accomplish by the means illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved package after it is filled and before the end of the can has been placed and united to the body. Fig. 2 is a side elevation of the can with the paper bag in position ready to be filled, the can being broken away to expose the bottom portion of the bag.

A cylindrical tin can A, provided with the usual opening B* in the top and a screw-cap B on the same, is used in making this improved package; but instead of being closed at the bottom previous to being filled I leave it open at the bottom, and through that end I introduce and place in position a paper bag E, constructed for the purpose, of cylindrical shape and about the same diameter as the metal body and somewhat longer than the body of the can, so that when placed in it the mouth of the bag will stand above the end of the can when the closed bottom of the bag

rests on the head B and covering the opening B* in that end. Sufficient material is afforded at the open end or mouth of the bag to fold over and close that end after the bag is filled. Thin paper having suitable air-tight and moisture-proof qualities is employed for this bag.

In the operation of filling the package the can A, having the paper bag E inserted, as already described, with the bottom next the opening B*, is placed in inverted position and the powder or other substance is poured in until the bag is filled, after which the mouth of the paper bag is folded over and the end is covered and sealed by placing the metal bottom C over the end of the can and securing it by crimping the metal. By this means both ends of the bag are sealed, which is not possible when one end of the can is provided with a screw-cap of less diameter than the body of the can.

The usual marking to indicate the name and quality of the contents are applied to the end or bottom of the bag before it is placed in the can.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The herein-described air-tight package for baking-powders and similar substances, consisting of the metal exterior body having a circular opening in its head provided with a standing rim, a removable screw-cap fitted to said rim, an air-tight paper bag formed to fit the metal body and inserted in the same in an inverted position or with its closed bottom toward the said opening in the head before the opposite end of the metal body is closed and a solid head or end adapted to permanently close the bottom of the metal body after the can has been filled through the mouth of the bag, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

CHARLES FRICKE. [L. S.]

Witnesses:

C. W. M. SMITH,
CHAS. E. KELLY.