No. 616,037. Patented Dec. 13, 1898.

W. B. THOMSON.

SEALED PACKAGE.

(Application filed Dec. 8, 1897.)

(No Model.)

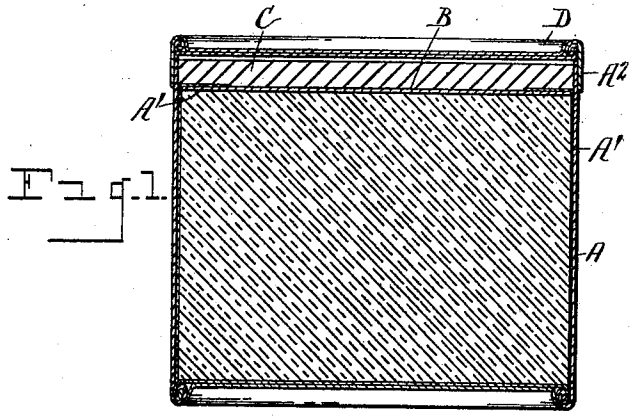


Fig. 1.

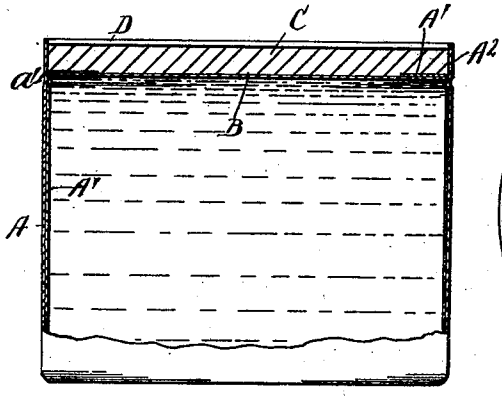


Fig. 2.

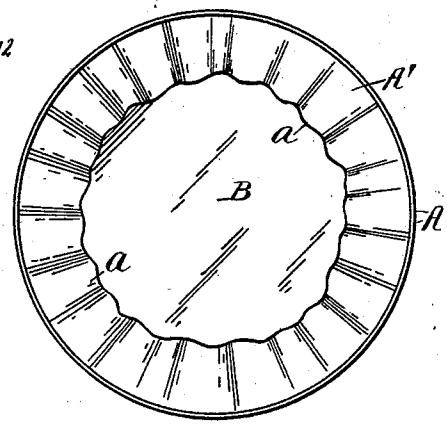


Fig. 3.

WITNESSES

O. B. Barringer.

Mary Hickey.

INVENTOR

William B. Thomson

By his Attorney

Newell S. Wright

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM B. THOMSON, OF DETROIT, MICHIGAN, ASSIGNOR TO THE GEM FIBRE PACKAGE COMPANY, OF SAME PLACE.

SEALED PACKAGE.

SPECIFICATION forming part of Letters Patent No. 616,037, dated December 13, 1898.

Application filed December 8, 1897. Serial No. 661,149. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. THOMSON, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in a Sealed Package; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to a sealed package, hereinafter described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section of a package ready to receive the sealing material. Fig. 2 is a vertical section of the package after it has been sealed. Fig. 3 is a view in perspective at the end of the package, showing the lining folded down upon the cover-strip in readiness to receive the sealing material.

My invention has for its purpose to provide a sealed package and the method of accomplishing the same for packages containing butter, meats, and any other desired material in which it is desired to effectually seal the material within the package, so as to insure the contents being kept in good condition during shipment and otherwise.

I carry out my invention as follows:

A represents the body of any suitable package to contain the goods, the same being provided with an interior lining A′, of any suitable material, as of parchment or paper, caused to adhere to the interior surface of the body in any desired manner. When the package has been filled, I place over the material therewithin a cover-strip B, of any suitable material, as of paper, for example. This cover-strip B is located below the upper edge of the body of the package, so as to form a sealing-chamber A^2 thereabove, at the top of the package and above the contents thereof. The upper edge of the lining A′ is stripped down from the adjacent portion of the body of the package, which may be done in any suitable manner, as by dampening the lining and separating it from the body, so that it can be turned down over the outer edge of the cover-strip B. In turning down the upper edge of the lining over said cover-strip said portion of the lining will necessarily form corrugations or folds therein, as indicated at *a*, for example. Over the cover-strip B and upon the overlapping portion of the lining I then locate any suitable filling material, (indicated at C.)

While I do not limit myself solely to any given filling material, plaster-of-paris is preferred, which may be poured into the filling-chamber over the cover-strip and turned-down lining in a plastic condition. When the sealing material, as of plaster-of-paris, is set, it will form a strong and efficient seal for the package and the contents thereof. The crimping or folding of the turned-down lining will form a strong anchorage for the sealing material, inasmuch as the plastic sealing material will engage and interlock in the crimped or corrugated portions of the lining, so as to cling and be held thereby from any liability of displacement or working loose. This anchorage of sealing material is an important feature. When the sealing material has been so applied, the air is effectually excluded from the contents of the package.

Should it be desired to seal a package containing a liquid or semiliquid material, it would be desirable in some cases to support the cover-strip B until the sealing material should set. Any suitable support for the cover-strip might be provided within the scope of my invention—as, for example, the body of the package might be formed with an inwardly-projecting bead, (indicated at *a*′,) upon which the edge of the cover-strip B might be supported. The sealing material may be filled in of any desired thickness to thoroughly protect the contents. I prefer to make the body of the package of paper or pulp, and when so made the sealing may readily be removed from the contents by running a knife-blade about the upper edge of the body, underneath the sealing material, cutting off the upper edge of the body, and still leaving a complete box after the sealing material has been removed, or by a blow of a hammer the sealing material may readily

be broken in order to remove it. A package may be sealed in this manner with great efficiency.

D is any suitable cover.

What I claim as my invention is—

1. A sealed package constructed of a body provided with an interior lining, a cover over the contents of the package forming a sealing-chamber thereabove, the upper edge of the lining being separate from the body and folded down over said cover, said package provided with a sealing material in said sealing-chamber located over the said cover and turned-down portion of the lining, for the purpose described.

2. A sealed package formed of a body having an interior lining, said lining being separated at its upper edge from the body and turned down and crimped over the contents of the package, and a filling material located over said turned-down edge of the lining and anchored thereby, for the purpose set forth.

3. A sealed package formed with a body having an interior lining, a cover located over the contents of the package forming a sealing-chamber thereabove, the upper edge of the lining being turned down over the cover, and a sealing material located over said cover and turned-down edge of the lining, said package provided with a support for said cover, for the purpose set forth.

In testimony whereof I sign this specification in the presence of two witnesses.

WILLIAM B. THOMSON.

Witnesses:
N. S. WRIGHT,
MARY HICKEY.