

(No Model.)

L. H. THOMAS.

BLUING PACKAGE.

No. 331,844.

Patented Dec. 8, 1885.

Fig. 1.

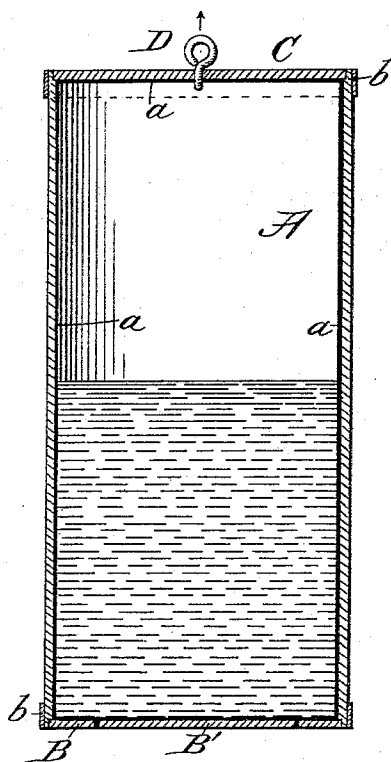


Fig. 2.

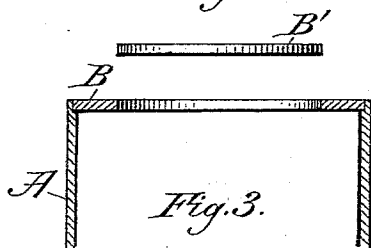
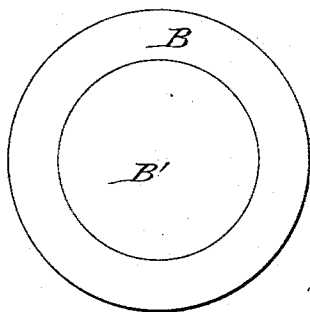


Fig. 3.



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UNITED STATES PATENT OFFICE.

LEVI H. THOMAS, OF CHICAGO, ILLINOIS.

BLUING-PACKAGE.

SPECIFICATION forming part of Letters Patent No. 331,844, dated December 8, 1885.

Application filed January 12, 1885. Renewed November 5, 1885. Serial No. 181,938. (No model.)

To all whom it may concern:

Be it known that I, LEVI H. THOMAS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bluing-Packages; and I do 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, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to a paper package for a liquid preparation of laundry-blue, the object being to provide an impervious paper vessel that can be conveniently filled with liquid bluing, and from which said bluing can be readily ejected or shaken in a succession of drops when required for use.

The invention is clearly illustrated in the annexed drawings, in which Figure 1 is a vertical section of my improved package of liquid laundry-blue. Fig. 2 is a sectional view of the lower end of the package inverted; and Fig. 3 is a plan view of the bottom of the package.

Like letters designate like parts.

The body of the package A is composed of paper, and is preferably tubular in form. The bottom B and top C are also preferably composed of paper, though thin wooden or tin disks may be used, if desired. To the interior of the package is applied a water-proof coating, *a*, of any suitable kind, for the purpose of rendering the package impervious to moisture. The vessel or package is filled at the bottom by removing a circular piece, B', which is afterward returned to its place in the bottom B and secured by a coating of varnish or gilding applied to the bottom of the package. A wire pin or plug, D, is inserted in the head C, so as to form a small opening through which the liquid bluing can be ejected in drops

by shaking the package after the pin or plug has been withdrawn. An ornamental band or fillet, *b*, may be placed on each end of the package, if desired.

A paper package of this kind, made impervious to moisture, affords a cheap and durable substitute for glass bottles or metallic or wooden boxes as a receptacle for liquid bluing and similar preparations, the cost of which is thus materially reduced. It is obvious that this paper bottle or package is not only capable of being produced at less cost than packages of glass, metal, or wood, but it is also less liable to breakage from blows and falls. When exposed to excessive cold, it is also less liable to be broken by freezing of its contents than if it were made of a more rigid material, as glass, which is extremely liable to break under changes in temperature. It will also be observed that the opening made by the withdrawal of the pin or plug D is so small that the contents of the package are not liable to spill in any great quantity should the package be accidentally overturned. By withdrawing the wire plug, however, and then inverting the package and shaking it gently, its contents will be ejected in a succession of drops by which the required quantity can be measured or regulated.

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

The herein-described paper package for liquid laundry-blue, the same consisting of the body A, having a bottom, B, provided with a removable piece, B', and the top C, provided with a removable wire pin or plug, D, the interior of said package having a water-proof coating, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

LEVI H. THOMAS.

Witnesses:

LOUIS BECKHARDT,
WM. P. WILLIAMS.