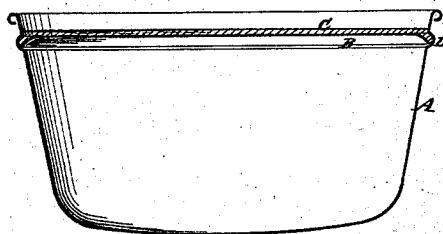


H. B. HALL.

Packages for Caustic Alkalies.

No. 146,179.

Patented Jan. 6, 1874.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY B. HALL, OF NEW YORK, N. Y.

IMPROVEMENT IN PACKAGES FOR CAUSTIC ALKALIES.

Specification forming part of Letters Patent No. **146,179**, dated January 6, 1874; application filed December 1, 1873.

To all whom it may concern:

Be it known that I, HENRY B. HALL, of the city, county, and State of New York, have invented a new and Improved Caustic-Alkali Package, of which the following is a specification:

My invention relates to the caustic-alkali package, consisting of a spun or stamped metal cup, with a hermetical cover of resin and wax or the like material, formed by pouring a gummy substance in a melted state over the alkali, with which the cup is filled; and it consist of a metal disk or cover of tin or other suitable substance put in before the gummy sealing material is put on, and made to spring into a little groove in the inside of the cup near the top. The object is mainly to utilize gummy sealing matters or compounds for closing metal packages containing broken caustic soda, for which the said matters cannot well be used without said metal cover, in consequence of settling down in the spaces between the pieces, and cementing them together, and adhering so as to make considerable waste, besides interfering with the use of the soda. But there also is another advantage, which is to strengthen the cover of gummy matter by the metal, so as to obtain sufficient

strength with considerably less material. The package is also applicable for sealing other substances, and I propose to use it for any others for which it is suitable, as well as for the caustic alkali.

The drawing is a sectional elevation of a package as I now propose to make it.

A is the cup; B, the metal cover; and C, the sealing cover of gummy matter poured on the metal cover. The metal cover is sprung into a groove, D, in the inside of the cup, so as to fit tight.

The improvement is also applicable to earthen and glass packages, as well as metal.

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

A package for caustic alkali and other substances, composed of a spun or stamped metal cup, A, cover B, and a gummy sealing-cover, C, in combination, the cover C being sprung into a groove in the sides of a cup, substantially as specified.

HENRY B. HALL.

Witnesses:

T. B. MOSHER,
C. SEDGWICK.