

# UNITED STATES PATENT OFFICE.

CHARLES F. HERMANN, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN FORM OF SEALING-WAX OR ROSIN FOR USE, THE SAME BEING IN DROPS OR DISKS.

Specification forming part of Letters Patent No. **190,681**, dated May 15, 1877; application filed March 22, 1877.

*To all whom it may concern:*

Beit known that I, CHARLES F. HERMANN, of St. Louis, in the county of St. Louis and State of Missouri, have invented certain new and useful Improvements in Sealing-Wax, &c., for Fruit Cans, Bottles, &c.; and do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to produce sealing-wax for sealing fruit-cans, bottles, &c., in a new form, as an article of manufacture for the market.

The invention consists of an article of manufacture, viz: drops or disks of sealing-wax, rosin, or other suitable composition, and the said article is made by straining such wax, &c., in a hot or melted condition, through wire-cloth, perforated metal, or other suitable material, and by allowing it to drop into water from different heights contracting the fluid material into drops of various forms or shapes, such as round, oblong, flat, pear-shaped, or any other form. This is to be packed into barrels, boxes, packages, or any suitable manner for wholesale or retail use. The disadvantages of the sealing-wax now in use for bottles, cans, &c., is that the manufacture of the bars is too costly. The extensive breakage in transportation, which causes waste and unsightliness, is disproportioned to that of the material and its use.

The advantages of the improved forms are saving of labor in putting it up into marketable condition; it has a more elegant appearance; it can be easier handled and manipulated in retailing, and also while using it; and by exposing a greater surface to heat it for use, increased facility in melting of any fractional

portion thereof is afforded, without the waste occasioned in breaking the usual bars, and the tedious labor required.

To enable others skilled in the art to make and use my invention, I will now more definitely describe the same.

The sealing-wax, rosin, &c., of any color or kind desired, is first melted in quantities and then poured into a receptacle having a wire-cloth or perforated metal bottom, through which the fluid wax is strained, and is allowed to fall into a receptacle containing water. According to the height from the water that the sealing-wax is dropped, the form of the drops is varied, as at a distance of about three feet from the surface of the water, the drops receive a round or shot form, while when closer to the water the drops receive a pear shape or elongated form, and at a greater distance than three feet they become flat or disk-shaped.

The forms can be varied to suit different tastes and for the different uses required. These drops are then put up in barrels, boxes, or packages for the market, and to suit wholesale or retail trade as desired.

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

As an article of manufacture, sealing-wax or rosin in round, oblong, or flat drops, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own, I hereby affix my signature in presence of two witnesses.

CHARLES F. HERMANN.

Witnesses:

EDWD. SHAIN,  
A. L. LANIGAN.