

118140

P. LOEB. Ladle.

PATENTED AUG 15 1871

Fig. 1.

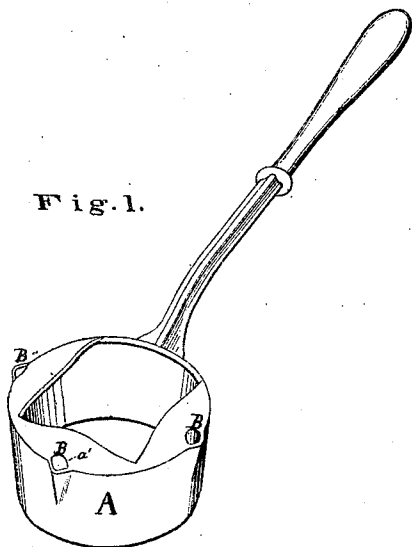


Fig. 2.

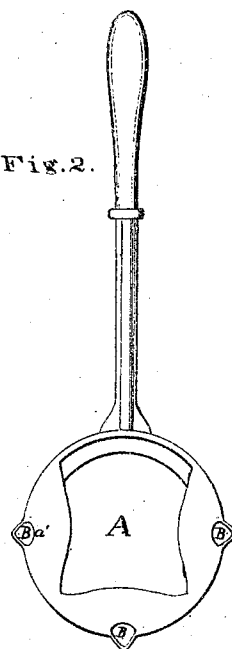
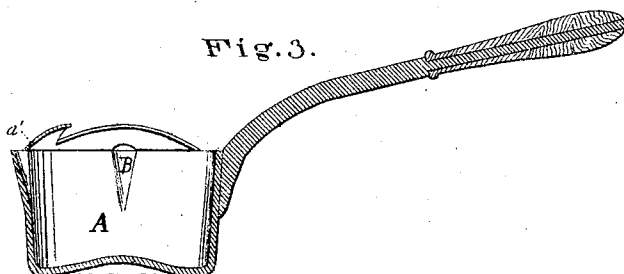


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

PETER LOEB, OF DAYTON, OHIO.

IMPROVEMENT IN LADLES FOR POURING WAX.

Specification forming part of Letters Patent No. 118,140, dated August 15, 1871.

To all whom it may concern:

Be it known that I, PETER LOEB, of Dayton, in the county of Montgomery and State of Ohio, have invented a new and valuable Improvement in Ladles; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a perspective view of my invention. Fig. 2 is a plan view of the same. Fig. 3 is a central vertical section of the same.

My invention has relation to an improvement in dippers, whereby they may be adapted for pouring melted wax about the lids of fruit-cans in sealing the same, or wherever else it may be needed; and it consists in constructing the dipper with several lips or pouring-places at some distance from each other, each lip being provided with a skim-cap, which is cut away from the lip in such a manner that it will, without obstructing the flow, catch the surface coat; also in the shape and arrangement of the caps, whereby secondary uncovered mouths are provided for use after all the covered mouths have become completely clogged with solid wax. It is the nature of wax to cool very rapidly, especially when in motion, as running or being poured through a spout of any kind, and, in cooling, it solidifies at the bottom, sides, and top, the melted mass forming a coating not only on the surface next the air, but also against the bottom and side walls of the vessel wherein it is placed. This formation goes on much more rapidly when the wax is in motion, the tendency of the melted portion being to exude or run out from under the top coating when it is at liberty so to do.

A of the drawing represents the bowl of the dipper, which is usually made of cast metal. B B represent the pouring-lips, which it will be observed have a very deep slant, commencing usual-

ly as far down as one-third the depth of the dipper from the top, the angle of the nose being not over twenty or thirty degrees with the side wall of the dipper. The object of this formation is to keep the wax as much in mass as possible, thereby preventing shallow places, which would solidify through almost immediately, especially when in motion. D D represent the caps which cover the pouring-lips. These caps, it will be observed, are cut away backward and upward from the lip in an arched or circular form, as at *a'*, thus serving to catch the top skim. With all this precaution it will not be many moments before the solidifying wax will close this mouth completely; hence are provided the other mouths at a sufficient distance from the mouth just described and from each other not to be closed by the top wax which has been collected, in pouring from either, beneath its cap. In practice it is most convenient to make these auxiliary mouths, one on the opposite side of the dipper and the other on the front or quarter, making three in all, which is as many as can be well placed in a dipper of ordinary size.

The object of the invention is, it will readily be perceived, to provide a dipper from which wax may be poured with accuracy so long as any remains therein in liquid form.

What I claim as my invention, and desire to secure by Letters Patent, is—

The wax-ladle, herein described, having two or more spouts B, arranged as shown, and provided with the arched or dome-like caps D, having arched recesses *a'* extending upward and rearward from each spout, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

PETER LOEB.

Witnesses:

H. E. PARROTT,
THOS. D. MITCHELL.