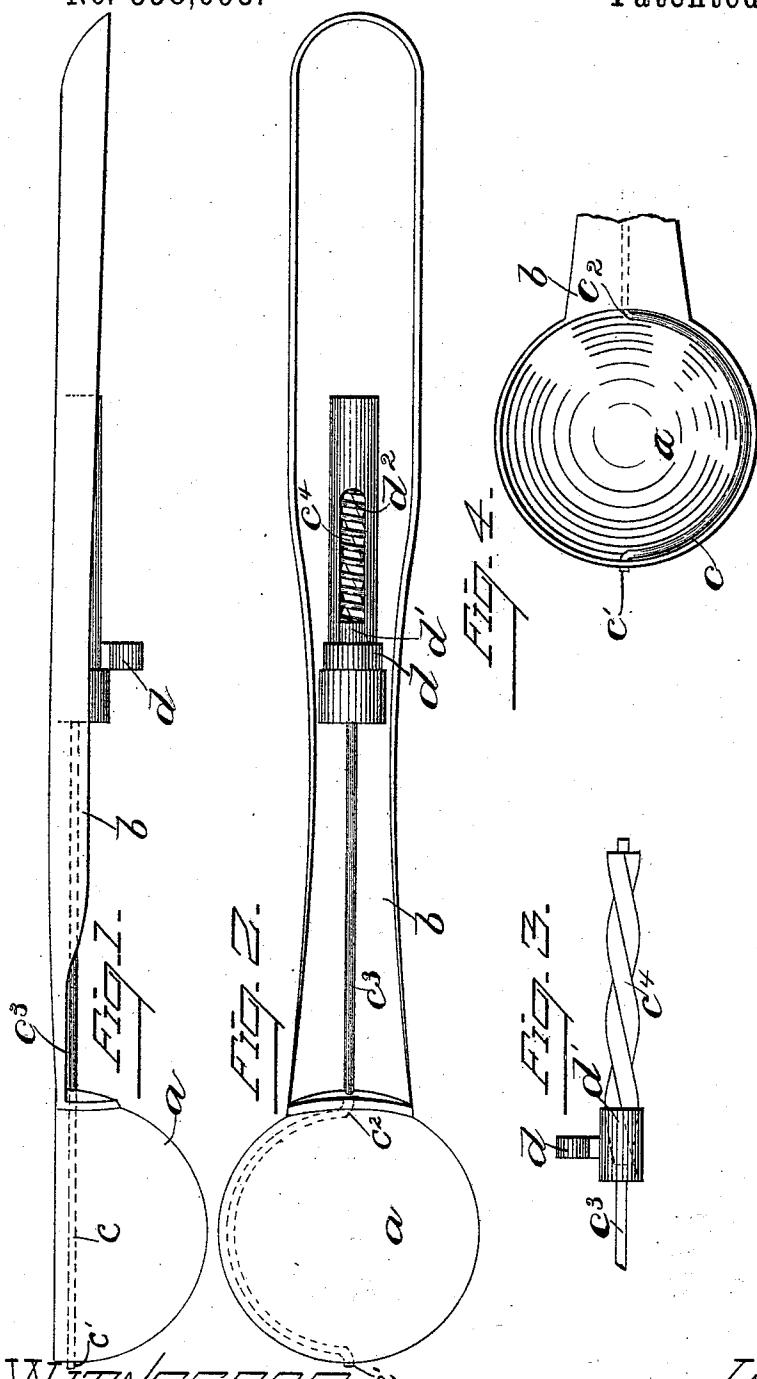


(No Model.)

B. J. NOYES.
ICE CREAM SPOON.

No. 538,693.

Patented May 7, 1895.



WITNESSES.

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ICE-CREAM SPOON.

SPECIFICATION forming part of Letters Patent No. 538,693, dated May 7, 1895.

Application filed January 2, 1895. Serial No. 533,655. (No model.)

To all whom it may concern:

Be it known that I, BERNICE J. NOYES, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in 5 Ice-Cream Spoons, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention relates to ice-cream spoons, 10 being especially designed for serving ice-cream at soda fountains, and for analogous purposes, the object being to provide the spoon with a simple, inexpensive, and easily operated device for removing the ice-cream from 15 the bowl of the spoon.

The invention consists in the combination with the bowl and its handle, of a bail-shaped removing device or cleaner, shaped to correspond to the shape of the bowl, and pivotally 20 connected at opposite sides of and working within said bowl, and means arranged on or in connection with the handle for operating said bail-shaped removing device or cleaner to remove the ice-cream from the bowl.

25 The means herein shown for operating the removing device or cleaner, consists of a spirally formed hub or portion, on a rod or bar formed integrally with or connected to the pivoted bail-shaped cleaner, which latter turns 30 on an axis in alignment with the handle, and a spring-pressed finger piece having a hole or passage through it, which receives said spirally formed hub or portion, working upon and thereby turning said hub or portion, as the 35 finger piece is moved in either direction.

Figure 1 shows, in side elevation, an ice-cream spoon embodying this invention; Fig. 2, an under side view of the spoon shown in Fig. 1; Fig. 3, a detail of the means herein 40 employed for turning the removing device or cleaner; Fig. 4, an interior view of the bowl.

The bowl *a*, is herein represented as hemispherical, and is secured to a suitable handle *b*.

A removing device or cleaner *c*, is pivotally 45 connected to, and works within the hollow hemispherical bowl, it being herein shown as composed of wire, bent semi-circularly to conform to the inner face of the bowl, the outer end of said wire being bent at right angles to

form a journal *c'*, which passes through a 50 small hole at or near the upper edge of the bowl, and the opposite end being likewise bent at right angles, as at *c*², for a similar purpose, and passing through a similar hole at the opposite side of the bowl. This latter journal 55 is, however, extended along beneath the handle *b*, as a rod or bar *c*³, and is provided at its extremity with a spirally formed hub or end piece *c*⁴.

A finger piece *d* projects from a block *d'* 60 fitted to slide longitudinally in a suitable bearing provided for it beneath the handle *b*, against the tension of a spring *d*², said block having a hole or passage through it of a shape corresponding to the cross sectional shape of 65 65 the spirally formed hub or end piece *c*⁴, and is adapted to receive and work upon said hub or end piece.

The operation of the device is as follows: The bowl of the spoon having been filled with 70 ice-cream or any other material, the operator, by pressing the finger piece *d* against the tension of the spring *d*², slides the block *d'* along in its guideway or bearing, and during such movement said block works upon the spirally 75 formed hub or end piece *c*⁴, turning it, and in turn correspondingly turning the bail-shaped removing device or cleaner within the bowl, which acts to remove the ice-cream which 80 may adhere thereto. The spring *d*² acts to restore the parts to their normal position.

By making the bail-shaped removing device of wire, as shown, or any equivalent therefor, a thin blade-like device is provided which passes around the body of the material contained in the bowl, detaching it from the bowl to which it adheres; and as said wire presents but a small surface, little or no material will 85 adhere to it.

I desire it to be understood that the bail- 90 shaped cleaner, may be of any other shape, so as to correspond to and work within a bowl of any other shape.

I claim—

The bowl *a*, and handle *b*, combined with 95 the bail-shaped removing device or cleaner, pivotally connected with and working within said bowl on an axis in alignment with the

handle c^3 rod or bar c^3 , and spirally formed hub or end piece c^4 thereon, the finger piece d , block d' , having a hole through it which receives and works upon said spirally formed hub or end piece, and the spring d^2 acting upon said block, substantially as described.

5 In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

BERNICE J. NOYES,

Witnesses:

FLORENCE H. DAVIS,

CHARLES B. CROCKER.