

E. C. BAUGHMAN.
ICE CREAM DIPPER.
APPLICATION FILED NOV. 10, 1913.

1,120,888.

Patented Dec. 15, 1914.

Fig. 1.

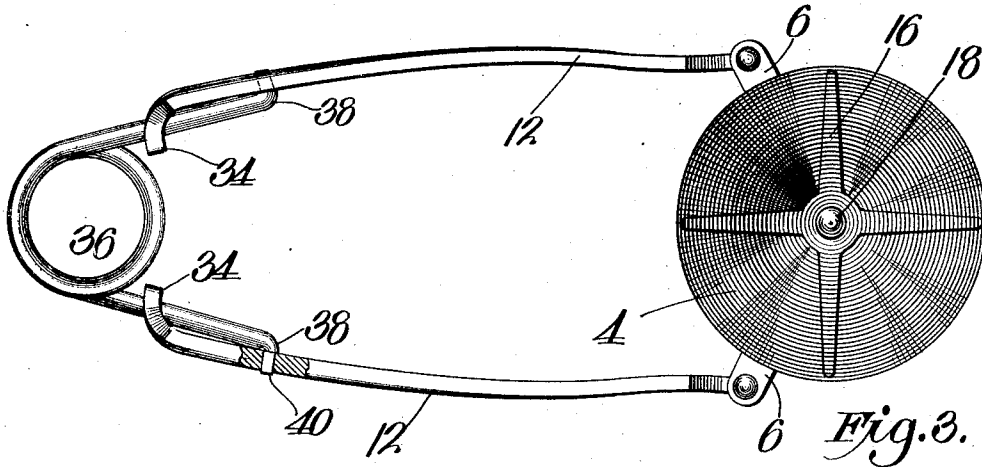


Fig. 3.

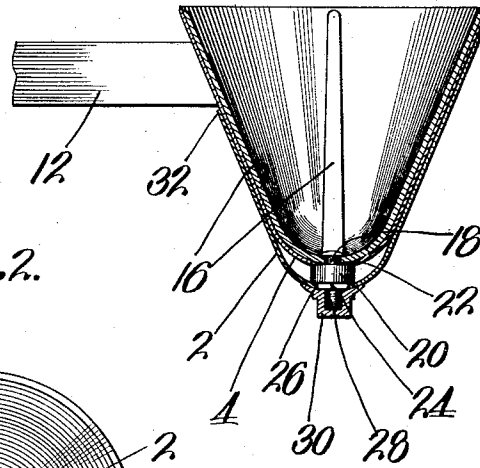
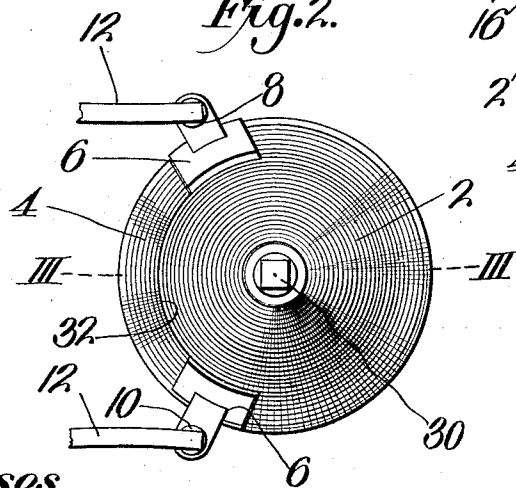


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

EDSON C. BAUGHMAN, OF TOPEKA, KANSAS.

ICE-CREAM DIPPER.

1,120,888.

Specification of Letters Patent.

Patented Dec. 15, 1914.

Application filed November 10, 1913. Serial No. 800,013.

To all whom it may concern:

Be it known that I, EDSON C. BAUGHMAN, a citizen of the United States, residing at Topeka, in the county of Shawnee and State of Kansas, have invented certain new and useful Improvements in Ice-Cream Dippers, of which the following is a specification.

This invention relates to ice cream dippers and particularly to that class of dippers which comprise a bowl with cutting fingers operating against the interior surface of the bowl.

My object is to produce a dipper in which a better and firmer supporting frame is provided for the cutting fingers and at the same time obtain a strong and compact device of neat appearance.

A further object is to provide a handle for the dipper of improved construction.

With these objects in view the invention consists in certain novel and peculiar features of construction and organization as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawing, in which—

Figure 1, is a plan view of the dipper looking at the interior of the same. Fig. 2, is a plan view of the outside of the same with the handle broken away. Fig. 3, is a section on the line III—III of Fig. 2.

Referring to the drawing, the dipper proper comprises a pair of cups 2 and 4 of conical form, the cup 4 fitting inside the cup 2. Each of these cups has suitably secured thereto a bracket 6 provided with a socket 8 into which to fit the stud 10 of the corresponding handle member 12. A spider 14 provided with a series of resilient cutting fingers 16, is riveted within the cup 4 by means of a rivet stud 18 formed on a plug 20 which fits a round opening 22 in the bottom of cup 4. The opposite side of the plug 20 has formed thereon a square portion 24 which fits a square opening 26 in the bottom of the cup 2. Projecting outward from the square portion 24 is a threaded stem 28 adapted to receive a nut 30, the turning of which operates to draw the plug 20 outward through the openings 22, thereby springing the fingers 16 against the interior surface of the cup 4, whereupon the square portion 24 is seated in the opening 26 so that turning of the cup 2 relatively to cup 4 will likewise rotate the cutting fingers 16 within the cup 4. To permit this relative move-

ment of the cups, the cup 2 has a portion of its margin cut away as shown at 32 in Figs. 2 and 3, to accommodate the brackets 6 of the cup 4.

Each of the parts 12 of the handle member, comprises a bar provided with the stud 10 at one end and the inturned eye 34 at the other end for receiving one end portion of a spring coil 36 which is provided with terminal hooks 38 fitting in perforations 40 in members 12 adjacent the eyes 34. The studs 10 are preferably secured in the sockets 8 by riveting the ends. This construction provides a removable handle which may be readily taken apart when desired either for packing or for the cleaning of the different parts of the dipper. When the dipper parts are all assembled it will be understood that the spring 36 holds the handle members spread apart as shown in the drawing, and one end of the cut away portion 32 forms stops for limiting this spreading action. On gripping the handle members together both the cups are rotated in opposite directions about the same axis, the cutting fingers operating within the cup 4 in the usual manner. A suitable edge is formed on the margin of the cup 4 for cutting into the frozen cream, and the margin of the cup 2 is thinned down so as to form a less abrupt edge.

From the foregoing it will be apparent that I have provided a strong substantial dipper of neat and compact appearance and in which the cutting fingers are carried by a support having an even bearing upon all sides of the cup thereby giving the same a smooth and even action. It will also be observed that the parts of the device can all be readily taken apart whenever necessary to be cleaned or repaired. While I have shown one preferred form which the invention is designed to take, I wish it to be understood that I reserve the right to make all changes falling within the spirit and scope of the appended claims.

I claim:

1. An ice cream dipper, comprising a pair of cups fitting one inside the other, a series of cutting fingers carried by the outside cup and rotatable against the interior surface of the other cup, and a handle comprising a pair of members each connected detachably at one end to one of said cups and provided at its opposite end with an inturned perforated lug, and a perforation adjacent said

lug, and a spring coil having end portions passed through said perforated lugs and terminal hooks seated in said adjacent perforations.

- 5 2. An ice cream dipper comprising a pair of cups nested snugly together, the outer one having a horizontal slot or recess in its upper end, a pair of brackets secured to said cups, the one secured to the inner cup
10 being adapted for relative movement with and longitudinally of the slot or recess of the outer cup, and the one secured to the outer cup being disposed adjacent one end of the slot or recess thereof, a rotary cutting
15 device nested snugly within the inner cup, means rigidly connecting said device with the bottom of the cup axially thereof and the said device to the inner cup, a pair of

handles pivoted for horizontal movement at their inner ends to said brackets, and 20 terminating at their opposite ends in in-turned eyes and provided near the said eyes with perforations, and a hinge-coil spring having its ends extending inwardly through the said eyes and along the inner sides of 25 said handles and terminating in outwardly bent ends, bearing against the handles and diametrically reduced portions extending through said openings of the handles.

In testimony whereof, I affix my signature, in the presence of two witnesses. 30

EDSON C. BAUGHMAN.

Witnesses:

CHAS. W. GERARD,
GEO. Y. THORPE

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."