

J. DOUGLAS.
 DASHER FOR ICE CREAM FREEZERS.
 APPLICATION FILED JULY 20, 1912.

1,067,007.

Patented July 8, 1913.

Fig. 1.

Fig. 2.

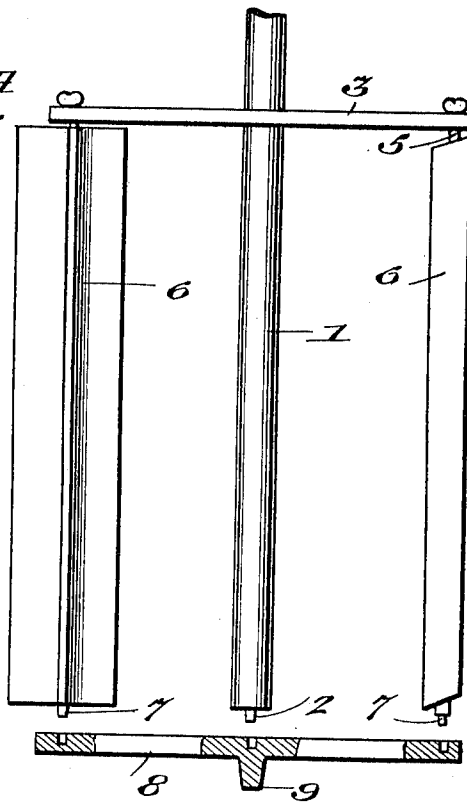
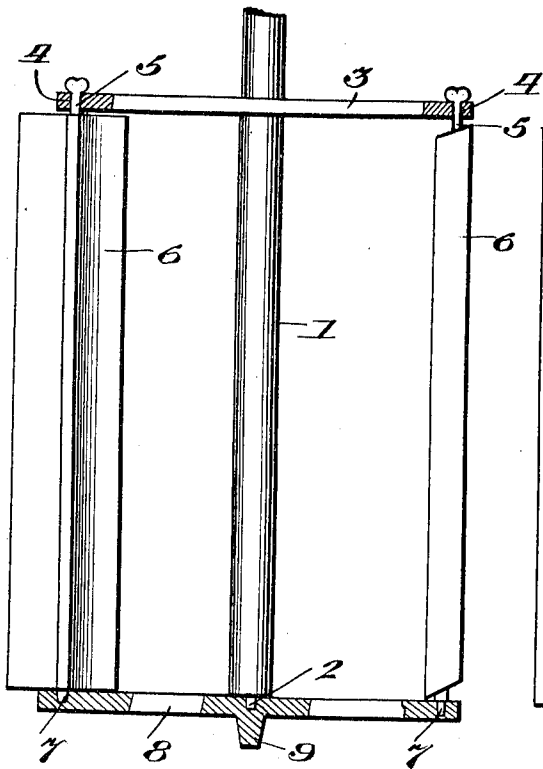
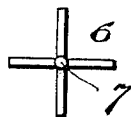
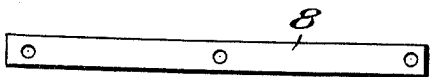


Fig. 3.

Fig. 4.



Witnesses

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DASHER FOR ICE-CREAM FREEZERS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES DOUGLAS, a citizen of the United States, residing at Westfield, in the county of Chautauqua and State of New York, have invented new and useful Improvements in Dashers for Ice-Cream Freezers, of which the following is a specification.

This invention relates to dashers for ice cream freezers, the object in view being to provide a construction of dasher which will permit the lower section thereof to become detached when the dasher is withdrawn from the ice cream, after the latter has been frozen, thereby permitting the dasher to be more easily withdrawn from the frozen cream, the lower section of the dasher being recovered after the can has been emptied.

With the above and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claim hereunto appended.

In the drawings: Figure 1 is a side elevation of a dasher with parts shown in section, embodying the present invention. Fig. 2 is a similar view with the bottom section or yoke of the dasher detached. Fig. 3 is a plan view of the detachable section or yoke. Fig. 4 is a bottom end view of one of the agitating members of the dasher.

Referring to the drawings, 1 designates a dasher shaft having at its lower extremity a projecting pintle 2. At a suitable point, intermediate the ends of the dasher shaft, the latter is provided with a relatively fixed cross head 3, the same being provided at or near its opposite extremities with holes 4 to receive pintles 5 at the upper extremities of a plurality of agitating members 6, which thus have a journaled connection with the cross head 3.

Each of the agitating members 6 is provided at its lower extremity with an extending pintle 7, and the pintles 2 and 7 of the shaft and agitating members, respectively,

are received in a bottom yoke 8 forming a detachable section of the dasher as a whole, said yoke being thus adapted to connect up the dasher shaft 1 and the agitating members, and being itself provided centrally with a downwardly extending journal 9 designed to be received in a suitable step in the bottom of the freezer can in accordance with the well-known construction now in use.

The dasher hereinabove described is placed in the can of the freezer in the usual manner, and the operation thereof is identical with the ordinary dasher now in common use up to the time that the cream has become frozen, and it becomes necessary to remove the dasher. In removing the dasher, it will be apparent that the pintles 2 and 7 will be withdrawn from the detachable section or yoke 8, leaving the latter in the bottom of the freezer can beneath the body of the cream. By reason of the absence of the yoke 8, the remainder of the dasher including the shaft, cross head, and members 6 suspended from the cross head may be readily withdrawn from the body of frozen cream, with comparatively little resistance.

What is claimed is:

A dasher for ice cream freezers, comprising a central vertical dasher shaft having a pintle at its lower extremity, a fixed cross head on said shaft, a plurality of agitating members having their upper extremities attached to said cross head and provided at their bottom extremities with pintles, and a detachable bottom yoke provided with holes to receive the pintles of the shaft and agitating members, the agitating members being suspended from the cross head and being carried thereby, when the dasher shaft is withdrawn from the freezer.

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

JAMES DOUGLAS.

Witnesses:

GEORGE P. MINTON,
THEO. C. WEAVER.