

W. B. HAY.
MILK JAR CAP.
APPLICATION FILED SEPT. 10, 1908.

932,779.

Patented Aug. 31, 1909.

Fig. 1.

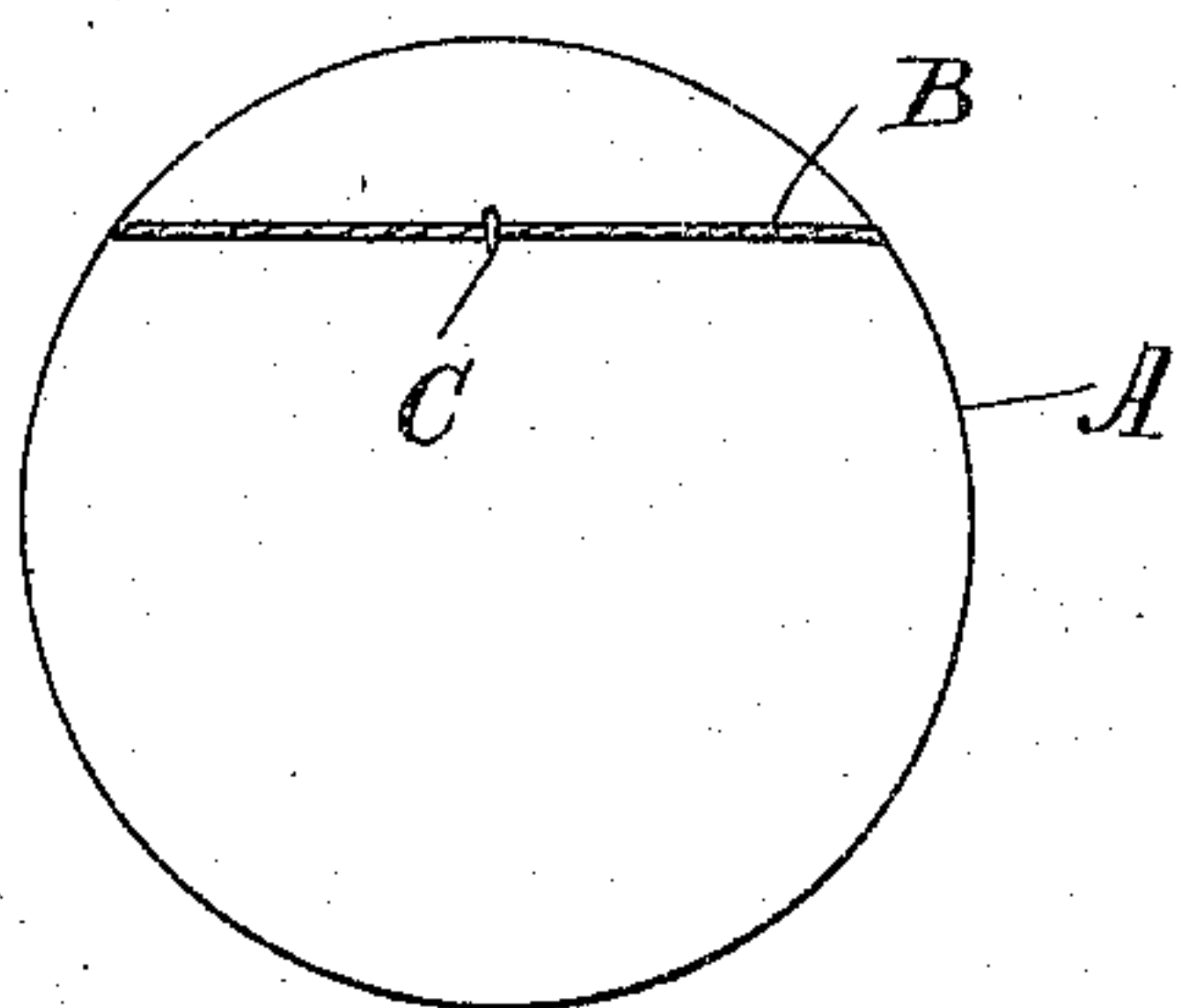
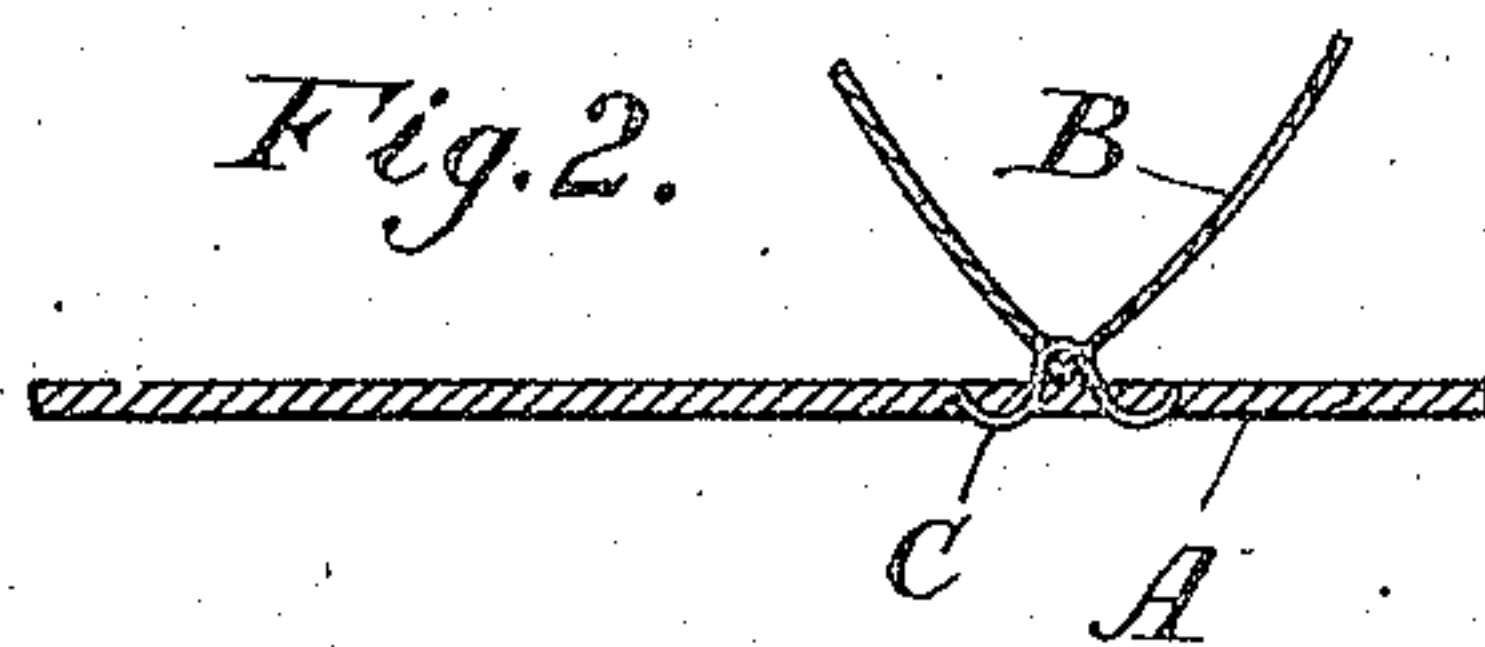


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM B. HAY, OF PORTLAND, MAINE.

MILK-JAR CAP.

932,779.

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To all whom it may concern:

Be it known that I, WILLIAM B. HAY, of Portland, in the county of Cumberland and State of Maine, and having a post-office address at No. 5 West street, in said Portland, have invented certain new and useful Improvements in Milk-Jar Caps, of which the following is a specification.

My invention relates to a cap for milk jars as are now in common use for delivering milk. Such caps are commonly made of disks of waterproof pulp board which are inserted by pressure into the mouth of the jar and are held in place by an internal shoulder. In removing these caps a hard instrument is often used like a fork or a screw driver and as a result the glass is often broken.

The object of my invention is to provide such a cap with means by which it can be easily removed without the employment of any instrument for this purpose and which shall at the same time be adapted for rapid manufacture.

The device consists of a disk having secured to it at one side of the center, a strip of tape, cord, or other like material by a staple which passes through it between its ends so that the two ends can be used together for pulling, the ends of the tape being preferably terminated at the perimeter of the disks.

I illustrate my invention by means of the accompanying drawing in which—

Figure 1 is a plan view of the cap and Fig. 2 is a section showing the staple in elevation.

In the drawing, A is the cap or disk of pulp board and B is the flexible pulling device which is preferably composed of a piece of twine secured to the cap at some point between the center and the edge by staple C which embraces the twine and

holds it firmly in place. In order to give plenty of bearing for the staple the ends of the latter are turned outward and thence upward burying themselves in the body of the pulp and providing a wide bearing.

The staple is inserted over the cord at some point between the ends so that the ends may be picked up and grasped together to form a handle for pulling up the cap. The staple is preferably inserted as here shown in the center of the cord so that the two ends will be equal length.

The cord is secured to the cap so that it will stand a hard pull without causing the staple to break through, no opening is formed in the cap for the admission of moisture, the edge of the cap is continuous and adapted to form a tight joint with the mouth of the jar and the cap is adapted to be rapidly and cheaply made.

Another great advantage of my cap is that it can be readily put into the mouth of the jar after being removed, the cord acting as a handle for manipulating the cap. Instead of using a piece of twine as shown I may make use of a tape or any other like flexible material.

I claim:—

The herein described milk jar cap, consisting of a flat circular disk of pulp board, a pulling device secured to the outer face of the disk consisting of an elongated flexible strand of a material differing from that of the disk, and a staple embracing the pulling device and passing through the material of the disk, said strand extending at both sides of the staple so that both end portions may be grasped for pulling purposes

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Witnesses:

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