CUP AND CONE HOLDER FOR ICE SCRAPPERS

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My invention relates to a new and useful cup or cone holder for ice scrapers and has for one of its objects to provide an exceedingly simple and effective device of this character although strong and durable.

Ice scrapers of the kind herein referred to are used in making shredded ice edible snow balls having a flavoring syrup added thereto. Generally these snow balls are placed upon a sheet of paper or in a small paper or fibre plate. When a sheet of paper is used it is often softened by the liquid composed of ice water and syrup, so that the paper tears and allows the liquid to run onto the hand of the person holding the snow ball and sometimes on the clothing. A paper plate is used the liquid often runs over the edge and when the person attempts to drink the liquid it is likely to be spilled. These conditions are annoying and may soil the clothing.

The disadvantages enumerated above are entirely overcome by the use of a cup or cone but it is exceedingly difficult to transfer snow balls to such containers from the ordinary ice scraper or snow ball maker and especially so that it will retain the general appearance of a snow ball.

Therefore another object of the present invention is to construct a portion of an ice scraper in such form that a cup or cone can be held by the ice scraper during the ice scraping or shaving operations to cause the ice to directly enter the cup or cone.

A further object of the invention is to produce a combination ice scraper and cup or cone holder comprising a receptacle having an aperture or throat at the bottom through which finely divided ice passes as it is scraped from an ice cake by a blade on the receptacle, the latter having a handle to which a frusto-conical cap is hinged, said cap adapted to temporarily hold a paper cup or cone with its open end in juxtaposition to the open top of the ice scraper receptacle.

A still further object of the invention is to provide the cap with a lip on which one of the operator's hands rests to keep the cap tight against the ice scraper receptacle and make it easy to apply pressure to the scraper during the scraping operations.

With the above and other objects in view this invention consists of the details of construction and combination of elements hereinafter set forth and then designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by numerals to the accompanying drawing forming a part hereof, in which:

Fig. 1 is a view partly in section and partly in elevation of an ice scraper constructed in accordance with my invention and illustrating how it is used to hold a paper cup.

Fig. 2 is a similar view after the paper cup is filled and ready to be removed from the ice scraper.

Fig. 3 is a side elevation of the ice scraper with a cup therein.

Fig. 4 is a top plan view thereof.

Fig. 5 is a view like Fig. 2 with a paper cone in the ice scraper.

Fig. 6 is an enlarged fragmentary detail sectional view.

In carrying out my invention as herein embodied 10 represents the receptacle of an ice scraper provided with a handle 11 for carrying and manipulating the scraper. In the bottom of the receptacle is a transverse slot or throat 12 through which finely divided particles of ice pass as they are shaved from a cake of ice 13 by a suitable blade 14 in the region of the throat. I have illustrated the blade 14 as attached to the receptacle of the ice scraper but it will be understood that any suitable form of blade or its equivalent may be used. For example, the blade can be produced from the same material as the receptacle as an integral part thereof.

A hollow frusto-conical cap 15 has a hinge lug 16 by which said cap is hinged, through the medium of a pinule 17, to the base of the handle 11 permitting the larger end or mouth of said cap to engage or cooperate with and preferably enter the open upper end of the ice scraper receptacle 10 or swing back from the latter for purposes to be presently mentioned.

A lip 18 projects from the exterior of the cup adjacent its mouth and opposite the hinge lug 16 or approximately so. This lip acts as a rest for one hand of the operator whereby the cap will be retained in a closed position while the ice scraping operations are being carried out and also permits the operator to apply the necessary pressure to cause the ice scraper to remain in contact with the cake of ice and the blade to cut into said cake of ice. The lip 18 may be an extension of a bead 19 around the cap and a similar bead 20 may be provided on the ice scraper receptacle 10.

Either a paper cup 21 or cone 22 can be used in connection with this device. A paper cup is usually provided with a bead 23 about its mouth and this can be used to stop or limit the insertion of...
of the cup into the cap. Generally a cone is not so constructed and therefore the distance it is inserted into the cap depends upon the size of its mouth. The cone is inserted in the cap and, in effect, wedged in place by pulling upon its apex.

In utilizing the invention, the operation is as follows:

The cap 18 is swung back upon the handle 11 into an open position. A container, either a cup or cone, is then placed in the cap and the latter closed down upon the ice scraper receptacle 18 as illustrated in Figs. 1 and 3. The operator then grasps the handle of the ice scraper in one hand and places the other hand so the palm engages the cap and anterior edge of such hand rests on the lip. Next the device is moved over the cake of ice in a manner that the blade will shave particles from the cake of ice and cause them to pass through the throat into the receptacle of the ice scraper. As said receptacle is filled the shredded ice will enter the container carried by the cap.

After a sufficient amount of ice has entered the container, the whole assembly is inverted and the operator releases the ice from the scraper receptacle by inserting a finger in the throat and pushing upon the ice. As the ice is released it will settle into the container similar to the showing in Figs. 2 and 5. Next the device is manipulated so the receptacle of the scraper is positioned to one side of the inverted cap. Finally the container of ice is removed from the cap and a suitable flavoring syrup added, after which the confection is ready to be consumed. Because of the paper cup or cone, the snow ball is readily eaten without soiling the hands or clothing and any liquid from the snow ball will accumulate in the cup or cone container and may be drunk as desired without the likelihood of spilling.

Of course, I do not wish to be limited to the details of construction herein shown and described as these may be varied within the scope of the appended claim without departing from the spirit of my invention.

Having thus described my invention what I claim as new and useful is:

In combination, an ice scraper receptacle open at the top and having a throat in its bottom, an ice shaving blade contiguous the throat, a fixed handle on said receptacle, a hollow frusto-conical cap providing a complete tapered ring to receive and hold a tapered container, a portion of the larger end of said cap being fashioned for projection into the top end of the receptacle, means to hinge said cap to the base of the handle adjacent the rim of the receptacle whereby said cap may be seated in the top end of said receptacle or swung back towards the handle, and a lip formed on the larger end of the cap opposite the handle and when the cap is closed said lip is over the side of the receptacle carrying the ice shaving blade whereby one hand of an operator may engage said lip to hold the cap in a closed position and apply the necessary pressure to keep the ice shaving blade in proper contact with a block of ice.

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