

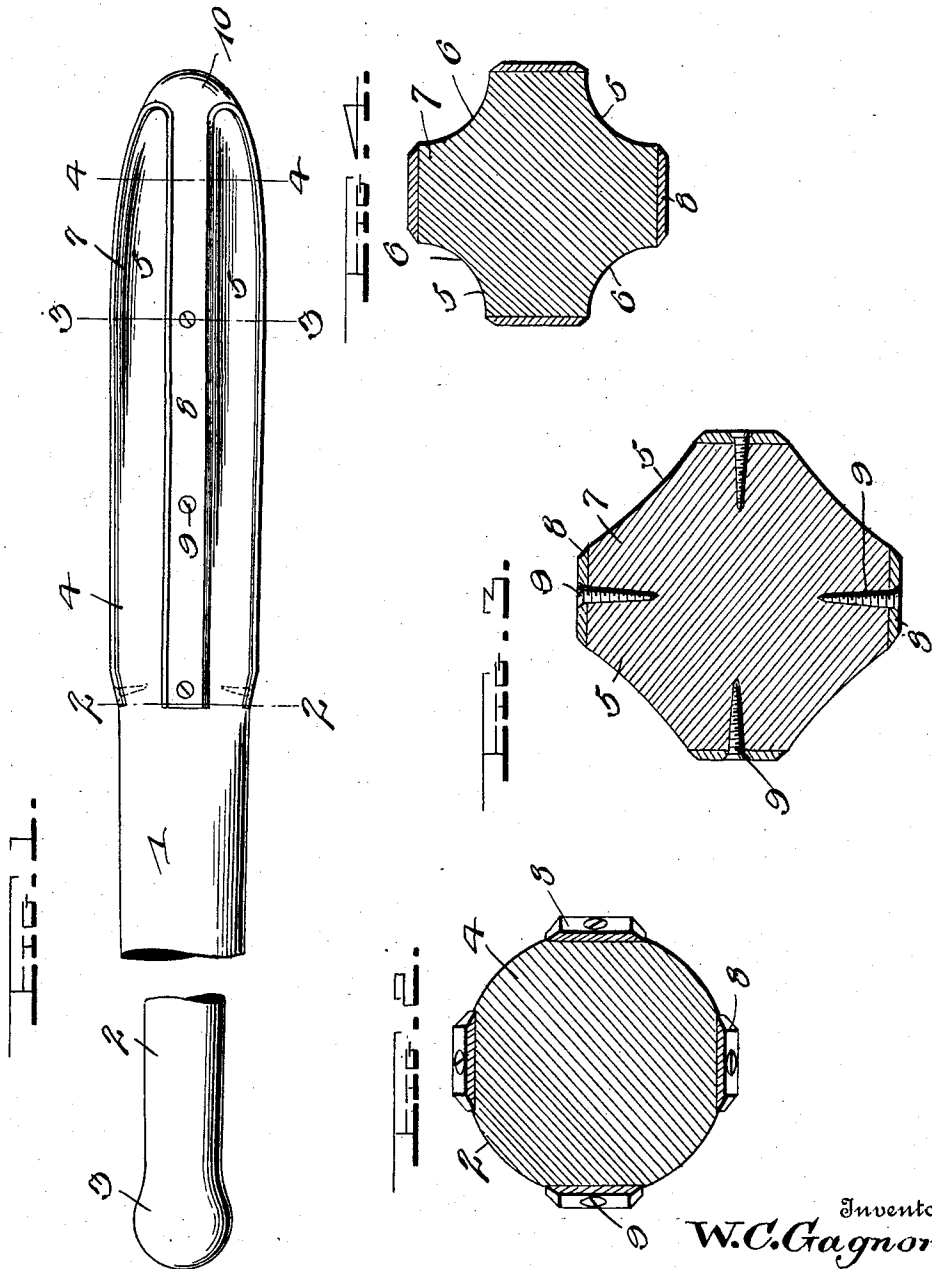
W. C. GAGNON.

ICE TAMPER.

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1,048,063.

Patented Dec. 24, 1912.



Witnesses

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ICE-TAMPER.

1,048,063.

Specification of Letters Patent.

Patented Dec. 24, 1912.

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To all whom it may concern:

Be it known that I, WILLIAM C. GAGNON, a citizen of the United States, residing at Huron, in the county of Beadle and State of South Dakota, have invented certain new and useful Improvements in Ice-Tampers, of which the following is a specification, reference being had to the accompanying drawings.

This invention comprehends certain new and useful improvements in ice tamping devices and relates more particularly to a hand operated ice tamper adapted for use in packing ice cream freezers and tubs.

It has heretofore ordinarily been the practice, in packing ice cream freezers and similar receptacles, to first mix the ice with the salt in a heap on the floor and to then shovel the mixed ice and salt into the tub or the like, this manifestly resulting in a considerable waste in both the ice and the salt and a loss by reason of melting. Or, another method heretofore employed has been to pack the tub or similar receptacle by putting in a layer of salt and a layer of ice, another layer of salt, etc., this last named method being a slow process as is evident.

With a knowledge of these conditions, my invention has for its primary object to provide an ice tamping device which will result in a saving of the salt and which will be simple in construction and durable and efficient in operation, whereby the tub or the like may be filled with ice, the salt disposed on the top of the mass of ice and as the ice tamping device is manipulated, the salt being caused to run or flow down the channels or grooves with which the tamper is formed and thereby thoroughly mixed with the ice.

The invention also aims to generally improve devices of this class and to render them more useful and commercially desirable.

With these and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions and arrangements of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawing in which,

Figure 1 is a side elevation. Fig. 2 is a sectional view on the line 2—2 of Fig. 1. Fig. 3 is a sectional view on the line 3—3

of Fig. 1 and Fig. 4 is a sectional view on the line 4—4 of Fig. 1.

Referring more particularly to the drawings, 1 indicates the body of the tamper, which is preferably of a single piece of suitable wood or other material and tapered off toward one end to form the handle portion 2, having an enlargement 3 formed at the outer end to prevent the hands from slipping off of the handle. The end of the tamper opposite the handle 2 is enlarged as shown at 4 and is provided with the circularly arranged longitudinal grooves or channels 5 which increase in depth toward the end of the tamper as shown at 6.

Secured to the raised portions 7 which are arranged between the channels 5 are the metallic protecting strips 8, said strips being held securely in place by means of the screws 9. The outer ends of the strips 8 are formed integral so as to provide a suitable rounding protecting cap 10 which fits snugly over the end of the tamper to protect the same and prevent splitting or otherwise injuring the end.

In using my improved ice tamper, the same is to be inserted between the freezer and the cream to pack down the cracked ice as it is dropped in, the salt which is mixed in with the ice can be dropped down along the tamper so that it will run down the channels 5 and thoroughly mix with the ice. It will be readily apparent that by having my improved tamper constructed with the channels 5 and the strips 8 with the cap 10 that there will be little if any chance for the tamper to split or chip off and become entirely worn out after a short period of use.

From the above description taken in connection with the accompanying drawings it will be readily apparent that I have provided a simple and efficient hand ice tamper which is sanitary and at the same time is of such construction that it will not easily split or become worn after a short period of use.

While I have shown and described the preferred form of my invention it will be obvious that various changes in the details of construction and in the proportions may be resorted to for successfully carrying my invention into practice without sacrificing any of the novel features or departing from the scope of the appended claims.

What I claim is:—

1. In a device of the character described, the combination of a circular body tapered

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at one end to form a handle, said body being provided at its other end with a plurality of circularly arranged longitudinal channels, protecting strips secured to the
5 body between the channels, and a cap formed at the outer ends of the strips to fit snugly over the end of said body.

2. In a device of the character described, the combination of a circular body tapered
10 at one end to form a handle, said body being provided at its other end with a plurality of circularly arranged longitudinal channels increasing in depth toward the outer end of

the body, protecting strips secured to the body between the channels and a cap formed integral with the outer ends of said strips and
15 adapted to fit snugly over the end of the body to prevent the same from splitting or chipping.

In testimony whereof I hereunto affix my
signature in the presence of two witnesses. 20

WILLIAM C. GAGNON.

Witnesses:

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