

E. BECKWORTH.
SUPPORTING BRACKET FOR FREEZING DEVICES.
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1,045,932.

Patented Dec. 3, 1912

Fig. 1.

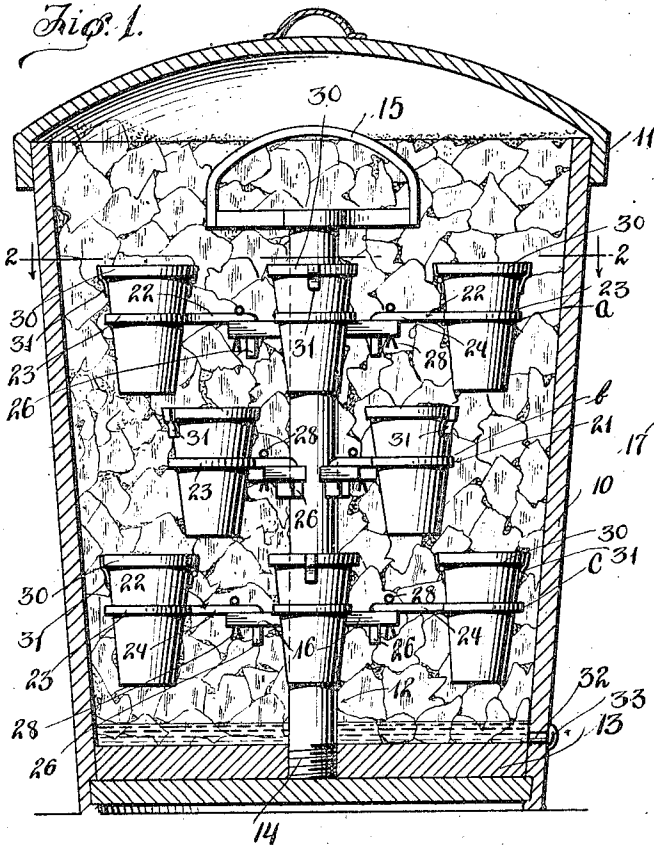


Fig. 3.

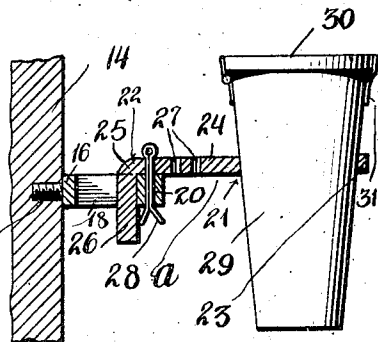


Fig. 2.

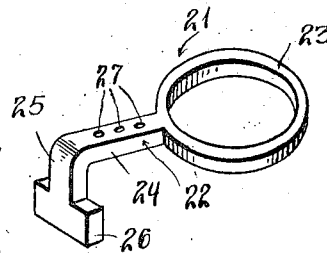
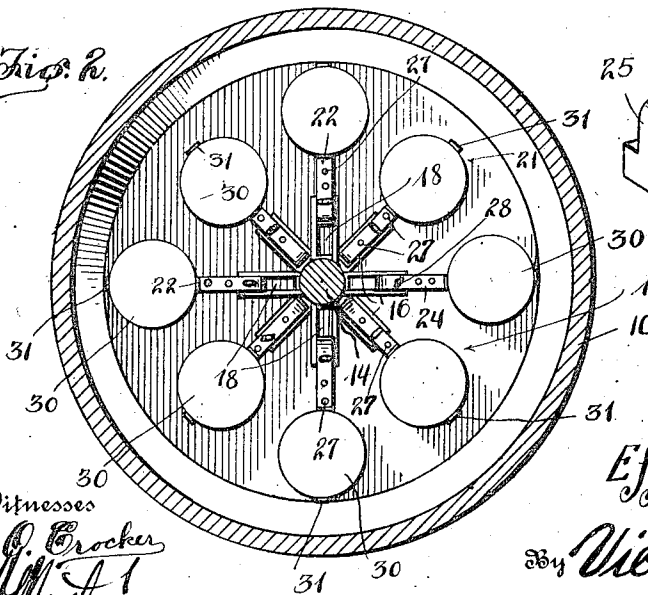


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

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SUPPORTING-BRACKET FOR FREEZING DEVICES.

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Specification of Letters Patent.

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To all whom it may concern.

Be it known that I, EFFIE BECKWORTH, a citizen of the United States, residing at San Marcos, in the county of Hays and State of Texas, have invented new and useful Improvements in Supporting-Brackets for Freezing Devices, of which the following is a specification.

An object of the invention is to provide supporting brackets for freezing devices, the device being particularly adapted for freezing fluids which, when solidified, will be edible.

The invention embodies, more particularly, a casing adapted to contain a frame having brackets for removably supporting a series of containers adapted to contain fluids or substances which, when frozen, will be edible, the containers being separately removable from the frame.

In the further disclosure of the invention reference is to be had to the accompanying drawings, constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which:

Figure 1 is a vertical sectional view showing the casing and cover of the device; Fig. 2 is a horizontal sectional view taken on the line 2-2 in Fig. 1; Fig. 3 is a fragmentary enlarged sectional view showing the manner of mounting the containers; and Fig. 4 is a perspective view of the holder for supporting the containers.

Referring more particularly to the views, use is made of a casing 10, provided with a cover 11 and mounted within the casing is a frame 12 comprising a base 13 and a standard 14 provided at the upper end thereof with a handle 15, the standard 14 being preferably threadedly connected to the base 13 and the side of the base being preferably inclined to conform to the inclination of the side of the casing so that when the base is mounted within the casing the standard 14 will be held in vertical position relatively to the casing.

A plurality of brackets 16 are provided with threaded ends 17 for mounting the brackets upon the standard 14 so that the brackets will extend laterally from the standard, the mentioned brackets being provided with longitudinally extending slots 18 and having the outer ends 19 thereof provided with apertures 20. A holder 21 is mounted upon each bracket 16 and the

holder consists, more substantially, of a single piece of material 22 having a supporting ring 23 formed at the outer end thereof, the mentioned holder further embodying a shank 24 terminating at the inner end in a laterally extending portion 25 provided with an enlarged head 26. Each holder 21 is mounted upon the respective brackets 16 by first positioning the holder at right angles to the slot 18 of the bracket to permit of passing the head 26 through the slot, after which the holder is swung longitudinally to the bracket and can then be slid on the bracket for the purpose of adjusting the length of the holder relative to the bracket, the shank 24 of the holder being provided with a series of apertures 27, one of which is adapted to register with the aperture 20 in the bracket 16, after which a suitable cotter-pin 28 is passed through the aperture in the holder and through the aperture in the bracket, thus readily securing the holder to the bracket, it being understood that the cotter-pin 28 can be removed and the holder adjusted upon the bracket so that another aperture in the holder will register with the aperture in the bracket, the cotter-pin being then replaced to secure the holder to the bracket. The supporting ring 23 of each holder 21 is adapted to receive and support a container 29, the said container being frusto-conical in shape and having mounted to swing thereon a closure 30 provided with a spring-like catch 31 for securing the closure in closed position on the container. The holders 21, having the containers 29 mounted thereon, are preferably arranged on the standard 14 in tiers *a, b, c*, the brackets in the tier *b* being arranged in staggered relation relative to the brackets in the tiers *a* and *c*, on the standard 14 and the holders in the tier *b* being adjusted relative to the holders in the tiers *a* and *c* so that the containers on the holders in the tier *b* will be arranged closer to the standard 14 than the containers on the holders in the tiers *a* and *c*, the mentioned arrangement being accomplished by adjusting the holders relative to the brackets as mentioned heretofore, thus permitting a larger number of containers to be mounted upon the standard than would be the case if the brackets and holders in the various tiers were arranged in a symmetrical relation.

In the use of the device the fluid that is

to be frozen is placed within the containers 29, after which the closures 30 thereof are secured in closed position on the containers and the standard 14, having the containers mounted on the holders 21, supported by the brackets 16, is mounted within the casing 10, a quantity of ice and salt being then placed in the casing 10 and packed around the various containers 29, after which the cover 11 is placed on the casing and the device is then set aside to await the freezing of the fluid in the containers by the action of the salt and ice in the casing 10, an opening 32 being provided in the casing to permit the water, that results when the ice in the casing melts, to flow from the casing, the mentioned opening 32 being normally closed by a suitable plug 33.

When the device has been permitted to remain in the freezing state a sufficient time, the cover 11 is removed and then by grasping the handle 15 the frame 12 can be removed from the casing, after which the containers 29 can be separably removed from the holders thereof and the frozen contents of the containers removed therefrom.

It will thus be readily seen that when the frozen fluids are removed from the containers they will present a neat and effective appearance and can be independently removed from the various containers as quickly as they are called for or dispensed with and it will be further seen that the various parts of the device can be easily and quickly disas-

sembled for the purpose of cleaning the same or supplying new parts, each container being mounted independently of the other.

Having thus described my invention, I claim:

1. In supports for a freezer including a standard, brackets on the said standard and provided with slots, holders having the inner ends extended through the said slots, enlarged heads on the inner extremities of the said holders and adapted to slidably engage the said brackets to support the holders thereon, means for adjusting the holders on the said brackets, and supporting rings formed on the outer extremities of the holders for supporting containers thereon.

2. In supports for a freezer including a standard, brackets on the said standard and provided with vertical slots, holders having the inner ends passed through the said slots, heads on the inner extremities of the holders and adapted to engage the brackets to support the holders thereon, pins mounted to extend through the holders and the said brackets to secure the holders in rigid position on the brackets, and supporting rings formed on the outer extremities of the said holders for supporting containers thereon.

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

EFFIE BECKWORTH.

Witnesses:

MINNIE MITCHELL,
M. E. REMY.