

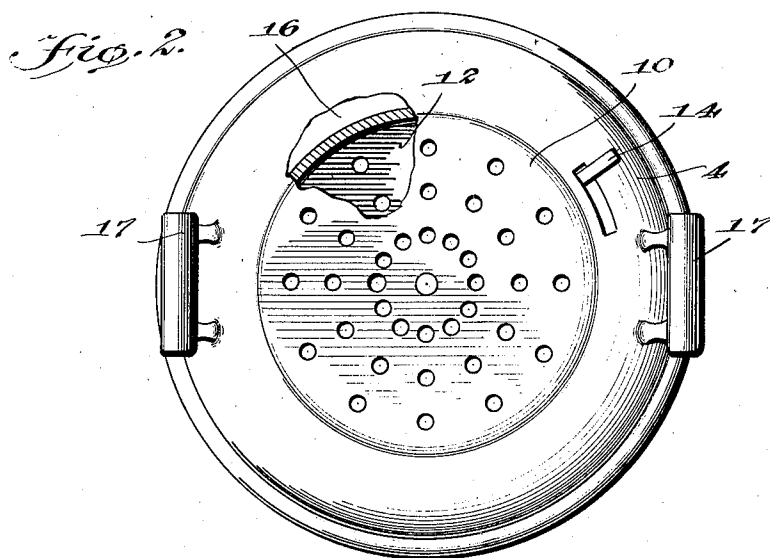
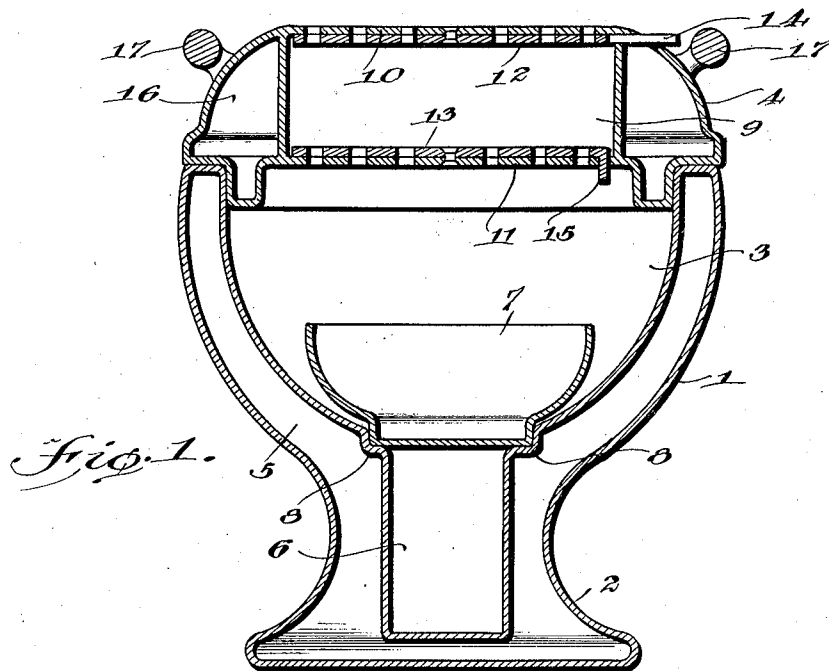
March 26, 1929.

S. L. BRIGHT

1,706,436

CONTAINER

Filed Aug. 20, 1927



Inventor
Seth L. Bright,

334
Whittemore Halbur
Whittemore & Belknap

Attorney

Patented Mar. 26, 1929.

1,706,436

UNITED STATES PATENT OFFICE.

SETH L. BRIGHT, OF DETROIT, MICHIGAN, ASSIGNOR TO G. F. LATHROP AND JOHN J. DODGE, BOTH OF DETROIT, MICHIGAN.

CONTAINER.

Application filed August 20, 1927. Serial No. 214,395.

This invention relates to containers and has for an object, the provision of a container adaptable for table use and provided with means for retaining the contents thereof in a cold or iced condition.

Another object is to provide a container having a cover provided with means for accommodating the cooling medium, the arrangement being such that this medium may be formed directly in the cover.

Another object of the invention is to provide a container, the cover of which is so constructed as to enable the same to be conveniently stacked.

A still further object is to provide a container which adapts itself for use in serving cantaloupe, grape fruit, and the like in halves, fruit salads, cocktails, fruit juices, ice creams, ices, sherbets and the like, and various other edibles which are usually served in an iced condition.

With these and other objects in view, the invention resides in certain novel features of construction, combinations and arrangements of parts as will be more fully described and particularly pointed out in the appended claims.

In the drawings:

Figure 1 is a vertical section of the container constructed in accordance with this invention.

Figure 2 is a top plan view of the container cover with a portion thereof broken away.

In the accompanying drawings wherein like characters of reference indicate like parts, the numeral 1 designates a container comprising the base portion 2, the upper bowl like portion 3 for receiving the food to be cooled, and the cover 4 provided with means for retaining the cooling medium. Preferably, the container is double walled throughout so as to provide the hollow insulated space 5, providing a dead air space or from which the air may be exhausted to form a vacuum.

The container is adapted for table use and is preferably of a size to hold a half grape fruit, or cantaloupe or the like. As shown, there is also provided a depending cylindrical portion 6 extending into the base 2 for receiving a glass or other liquid containing receptacle (not shown). Provision is further made for the accommodation of a bowl 7 adaptable for holding a dessert or the like,

and to insure a firm support for the same within the container there is provided an annular shoulder 8 for receiving the base of said bowl.

In the present instance, instead of employing the usual method of placing ice in the base of the container for cooling purposes, I use a type of ice which is known as dry ice or carbon dioxide ice. Bricks of this ice may be formed directly within the cover 4 and for this purpose I provide the cover with the chamber 9 having the perforated walls 10 and 11 respectively so that the gas may be introduced into the chamber either simultaneously from opposite sides thereof or from one side to expand and solidify therein.

For forming the dry ice bricks, I provide a special type of apparatus within which the cover 4 is placed, one type of such apparatus being described in detail in my co-pending application filed of even date herewith, Serial No. 214,393.

For enclosing the brick within the chamber 9 and to prevent any of the gas resulting from the melting of the brick from coming into contact with the contents of the container, there are provided rotating plates or closures 12 and 13 which are rotatably mounted on the walls 10 and 11 respectively. Each plate is provided with a plurality of apertures which are adapted to register with the apertures in the walls for permitting the gas to be introduced in the chamber 9. After the brick is formed, the handles 14 and 15 may be operated to move the aforesaid apertures out of register so as to close the chamber 9.

When the brick has been formed in the cover, this may be removed from the freezing apparatus and placed immediately upon a container which is ready for serving.

It may be added that the present device is particularly adapted for use in hotels, Pullman cars and the like and that the effect of the dry ice is such that the article placed within the container is almost instantly cooled when the cover is set in position, so that by the time the container is served, a frost will have formed upon the exterior thereof. It will therefore be apparent that the present invention is a great improvement over the devices now in use and that I have provided a container which can accommo-

date various types of articles and also cool such articles in a new and improved manner.

Preferably the cover is double walled similar to the container and is provided with the annular air space 16. Handles 17 are provided and these handles are so positioned on the cover that they lie in a plane below that of the upper wall 10 and thereby facilitate the stacking of the covers.

While it is believed that from the foregoing description, the nature and advantage of my invention will be readily apparent, I desire to have it understood I do not limit myself to the specific construction herein shown and described and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What I claim as my invention is:

1. In a device of the character described, a container and a cover therefor provided with a chamber having apertured walls for permitting the introduction of an ice brick

forming gas, and means for closing said apertures.

2. In a device of the character described, a container and a cover therefor provided with a chamber having apertured walls for permitting the introduction of an ice brick forming gas, and means for closing said apertures including plates having apertures adapted to register with the apertures aforesaid; said plates being rotatively mounted upon said walls whereby a partial rotation thereof will effect a non-registration of said apertures.

3. In a device of the character described, a container and a cover therefor having spaced walls providing a chamber, said walls being apertured whereby to permit the introduction of a gaseous refrigerant which solidifies to form a dry ice brick and means for closing said apertures.

In testimony whereof I affix my signature.

SETH L. BRIGHT.