

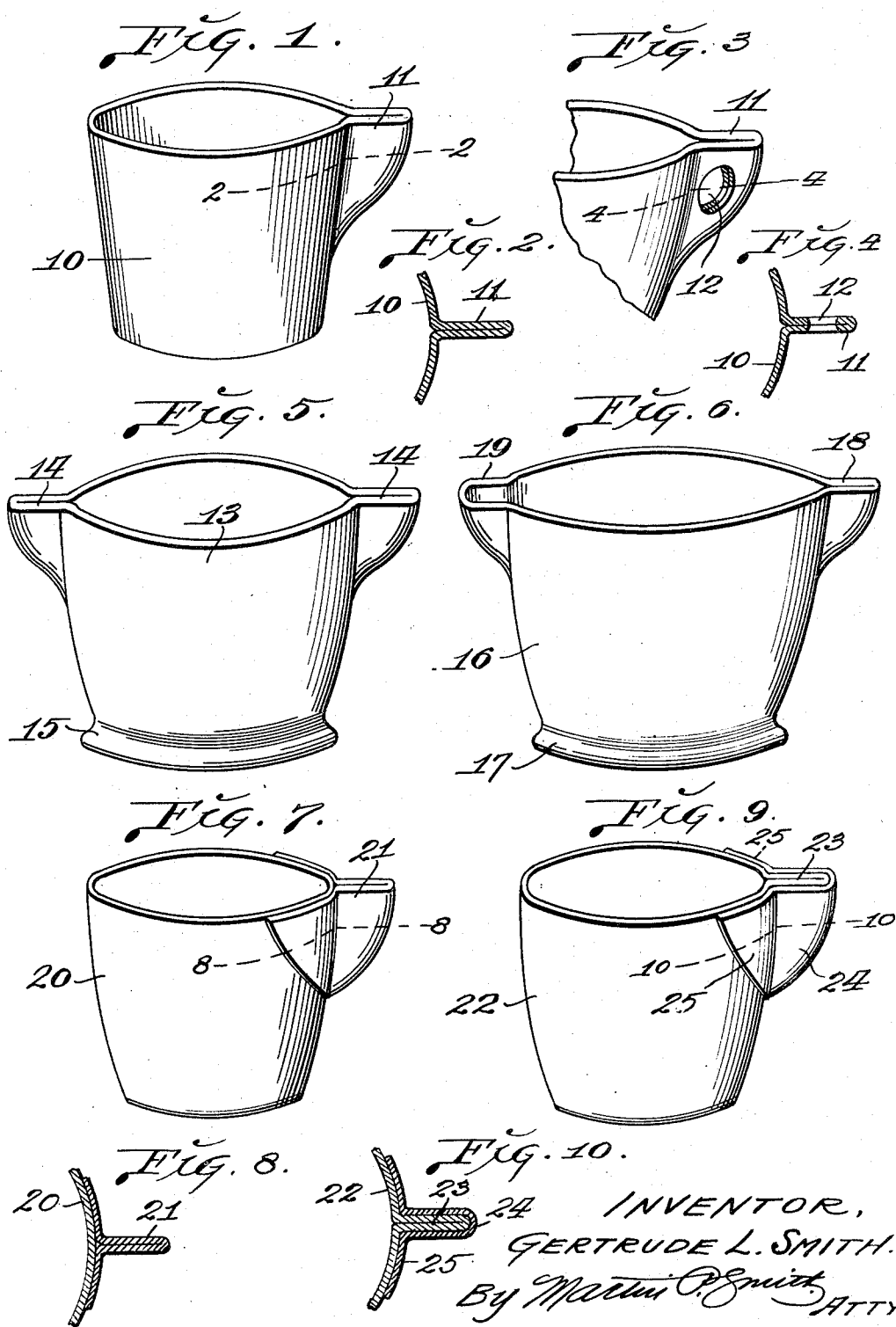
Dec. 21, 1937.

G. L. SMITH

2,102,653

MOLDED HANDLED RECEPTACLE

Filed April 30, 1935



UNITED STATES PATENT OFFICE

2,102,653

MOLDED HANDLED RECEPTACLE

Gertrude L. Smith, Los Angeles, Calif.

Application April 30, 1935, Serial No. 19,038

3 Claims. (Cl. 229—52)

My invention relates to receptacles that are molded from wood or paper pulp or the like and has for its principal object, the provision of a receptacle such as a cup, bowl, pitcher, vase or the like having one or more handles and which receptacles and handles are molded in a single piece from fibrous or granular material such as wood or paper pulp, thus providing a comparatively simple and inexpensive one-piece receptacle that may be utilized for a number of different purposes.

With the foregoing and other objects in view my invention consists in certain novel features of construction and arrangements of parts that will be hereinafter more fully described and claimed and illustrated in the accompanying drawing in which:

Fig. 1 is a perspective view of a molded cup constructed in accordance with my invention.

Fig. 2 is a horizontal section taken on the line 2—2 of Fig. 1.

Fig. 3 is a perspective view of a portion of a molded cup having an integral handle through which is formed an opening to facilitate the manual manipulation of the cup.

Fig. 4 is a horizontal section taken on the line 4—4 of Fig. 3.

Fig. 5 is a perspective view of a molded receptacle having two oppositely arranged integral handles and which may be utilized as a sugar bowl.

Fig. 6 is a perspective view of a molded receptacle having an integral handle and a pouring lip or spout and which may be used as a cream, milk or syrup pitcher.

Fig. 7 is a perspective view of a molded cup with a separately formed molded handle secured to the cup.

Fig. 8 is a horizontal section taken on the line 8—8 of Fig. 7.

Fig. 9 is a perspective view of a molded receptacle having an integral handle and with a separately formed molded reinforcing member applied to the cup and overlying the handle thereof.

Fig. 10 is a horizontal section taken on the line 10—10 of Fig. 9.

Referring by numerals to the accompanying drawings and particularly to the constructions illustrated in Figs. 1 and 2, 10 designates a receptacle which may be of any size and shape but in the present instance the receptacle is illustrated as having the general shape of a tea or coffee cup. This receptacle is molded in one piece from suitable fibrous or granular material such as wood or paper pulp and during the mold-

ing process a portion of the wall is extended outwardly and then pressed together to form a handle 11 of double thickness of molded material and which handle occupies a vertical position on the upper portion of the external surface of the body of the cup.

In order to render the cup impervious to moisture the pulp or material from which it is molded may have incorporated therewith prior to the molding operation a water-proofing ingredient or ingredients or after the cup has been molded and dried it may be dipped in a water-proof material such as wax, paraffine or silicate of sodium.

In the construction illustrated in Figs. 3 and 4 the handle 11 of double thickness is provided with an opening 12 to facilitate the grasping of the handle between the thumb and fingers while the cup is being used.

In Fig. 5 the receptacle comprises a body 13 molded from wood or paper pulp or the like and portions of said body at the upper end thereof and on opposite sides are extended outwardly during the molding process to form diametrically opposite handles 14 of double thickness.

A receptacle thus constructed may be used as a sugar bowl or the like.

If desired the lower end of body 13 may be provided with an integral outwardly projecting bead or base flange 15.

In the construction illustrated in Fig. 6, the receptacle comprises a body 16, formed of molded wood or pulp or the like provided at its lower end with a bead or base flange 17 and a portion of the wall of the receptacle adjacent its upper end is extended outward and pressed together to form a handle 18 of double thickness.

At a point diametrically opposite from the handle 18, a portion of the wall of the receptacle is extended outwardly to form a short pouring lip or spout 19.

A molded one-piece receptacle of this construction may be conveniently employed as a cream, milk or syrup pitcher.

The wood or paper pulp or other substance from which the receptacles 13 and 16 are formed may contain a waterproofing ingredient or after the receptacles are formed they may be dipped in or coated with a moistureproof substance.

In the construction illustrated in Fig. 7 a receptacle 20 is molded from paper pulp or the like and suitably secured to the upper portion of the body of the receptacle on the exterior thereof, is a separately molded handle 21.

In the construction illustrated in Fig. 9 a cup-like receptacle is molded from wood or paper pulp

or the like with a portion of the wall at the upper end of the receptacle extended outward to form a handle 23 of double thickness and covering the sides of this handle is a molded reenforcing member 24 from the sides of which project integral wings 25 that overlie and are suitably secured to the wall of the receptacle adjacent the handle thereof.

Thus it will be seen that I have provided a molded handled receptacle that is relatively simple in construction, inexpensive of manufacture and very effective in performing the functions for which it is intended.

The receptacles may be made in any desired size and shape and if each receptacle is provided with an integral handle, those receptacles utilized for containing heated liquids may be conveniently handled without danger of burning the thumb and fingers of the user.

Obviously the separately formed reenforcing member 24 may, if desired, be applied to the handles of the cups or receptacles illustrated in Figs. 1 and 3 and likewise to the handles of the receptacles illustrated in Figs. 5 and 6.

It will be understood that minor changes in the size, form and construction of the various parts of my improved molded handled receptacle may be made and substituted for those herein

shown and described without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. As a new article of manufacture, a handled receptacle molded in a single piece from waterproofed fibrous or granular pulp, a portion of the wall of said receptacle adjacent its upper edge being extended outwardly and pressed together to form a short integral vertically disposed handle of double thickness.

2. As a new article of manufacture, a handled receptacle molded in a single piece from waterproof fibrous or granular pulp, a portion of the wall at the top of which receptacle is extended outwardly and pressed together to form a short vertically disposed integral handle of double thickness, and there being an opening formed through said handle.

3. As a new article of manufacture, a receptacle molded in a single piece from waterproof fibrous or granular pulp, and a portion of the wall at the top of which receptacle is extended outwardly and pressed together to form a short vertically disposed integral handle of permanent double thickness.

GERTRUDE L. SMITH.