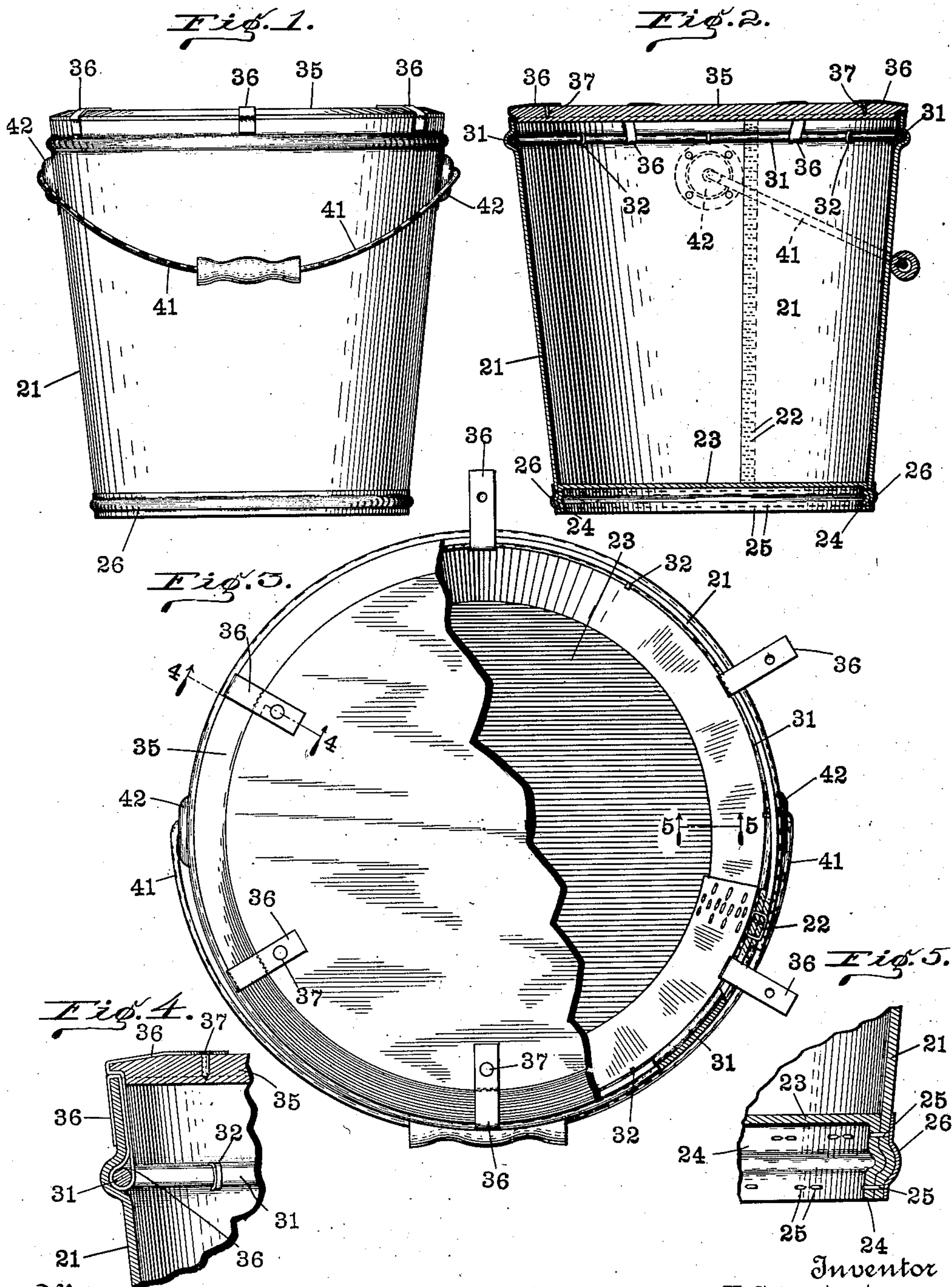


No. 828,400.

PATENTED AUG. 14, 1906.

J. H. GREENSTREET.
RECEPTACLE.

APPLICATION FILED JUNE 12, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

JASON H. GREENSTREET, OF INDIANAPOLIS, INDIANA.

RECEPTACLE.

No. 828,400.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed June 12, 1905. Serial No. 264,954.

To all whom it may concern:

Be it known that I, JASON H. GREENSTREET, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Receptacles, of which the following is a specification.

The object of my present invention is to produce a light and inexpensive package.

The invention is illustrated in the form of package usually denominated a "pail" or "bucket," but is equally applicable to other forms, such as those denominated "tubs," &c.

The accompanying drawings illustrate a pail constructed in accordance with my invention.

Figure 1 is a side elevation of such a pail; Fig. 2, a central vertical sectional view of the same; Fig. 3, a top or plan view thereof on an enlarged scale, portions being broken away to better show the construction; and Figs. 4 and 5, detail sectional views at the points indicated by the dotted lines 4 4 and 5 5, respectively, illustrating my preferred construction at said points.

My improved package is constructed from a suitable fabric, the best fabric for the purpose with which I am acquainted being an artificial board formed from straw, wood, or other pulp. These boards may either be plain or corrugated. For certain classes of packages intended for packing and shipping glass or other breakable articles they are preferably corrugated, this, as is well known, forming, in effect, a cushion construction. Such corrugations also stiffen the side, enabling it to resist heavier pressure or weight.

The wall 21 of the pail shown in the drawings is formed from one or more sheets of fabric cut to the appropriate size and shape, the edges of which are brought together and united to each other in any appropriate way, as by stapling, stitching, cementing, or the like, the means of securing the same shown being ordinary wire staples 22.

The bottom 23 of the receptacle is shown as a round disk having an annular flange 24 pressed outwardly around its periphery, and it is shown as secured to the side or wall of the receptacle by means of wire staples 25.

The means of uniting these parts, however, may be varied, and any other appropriate means may be used, the same as in the uniting of the edges of the side wall. In order to strengthen the receptacle at this point, and especially to prevent it being crushed where

it rests upon the floor or upon other articles, I prefer to provide a metal hoop 26 around the outer side. Said hoop may be secured thereto by rivets or any other desired means.

In order to get the greatest strength with a minimum of size and weight, I prefer to form a bead in the chime of the structure, including the flange on the bottom, the lower edge of the side wall, and this external hoop, as is best shown in Fig. 5.

As the side wall of this receptacle, when formed of the material indicated, is in itself somewhat frail, so that it is incapable of resisting much external pressure, I provide it near the top with a strengthening-hoop. This hoop 31 I have shown as formed from stiff wire, and I form an internal groove within the side wall near the top, within which said wire hoop is placed. Said groove is formed by pressing the material of which the wall is composed outwardly at that point, as is best shown in Fig. 4. Said hoop is secured in position in the groove by any suitable means, as by the wire staples 32.

As a shipping-package this pail or other receptacle is to be provided with a cover 35. Said cover may be of the same material as the other parts of the package, or it may be (and in most cases preferably is) of wood. It is secured to the body of the package in the following manner: A number of strips of thin flexible metal 36 are bent around the hoop 31, one end being preferably brought to the top of the wall 21 and bent out over it and down along the outside for a short distance, thus securing it quite strongly to said side wall. The other end, after the cover is placed on the receptacle, is bent in over the top of said cover and there secured by means of a nail or tack 37. This forms a very cheap and convenient method of fastening on the cover, and such fastening is easily disconnected when the cover is to be removed.

The pail, as shown, is preferably provided with a handle. I have shown this as in the form of a bail 41, which engages with the ears 42, which are secured to the side wall of the receptacle by rivets or the like, generally just below the hoop 31.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, in a receptacle, of a circular side wall of comparatively fragile material having an interior groove near its upper end formed by pressing the material

outwardly, a strengthening-hoop removably inserted in said groove, a cover, and clips doubled around said hoop and having one end passed upward and outward and adapted to be secured to the upper side of said cover.

2. The combination, in a receptacle, of a circular side wall, a strengthening-hoop within the wall and below but near the upper end, a cover, and fastening-clips passing around the hoop at a middle point with one end passing over the edge of the cylindrical side wall and the other end up over the edge of the cover.

3. The combination, in a receptacle, of a circular side wall, a suitable bottom, a hoop

secured within the side wall near the upper end, a cover and flexible clips bent around the hoop at a point intermediate the ends, one end of each clip being carried thence upwardly and out over the upper edge of the side wall and the other end carried upwardly and out over the edge of the cover and secured thereto.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 18th day of May, A. D. 1905.

JASON H. GREENSTREET. [L. s.]

Witnesses:

CHESTER BRADFORD,
JAMES A. WALSH.