Feb. 19, 1929. 1,702,606

E. F. HULBERT

CONTAINER

Filed March 15, 1926

Fig. 1.

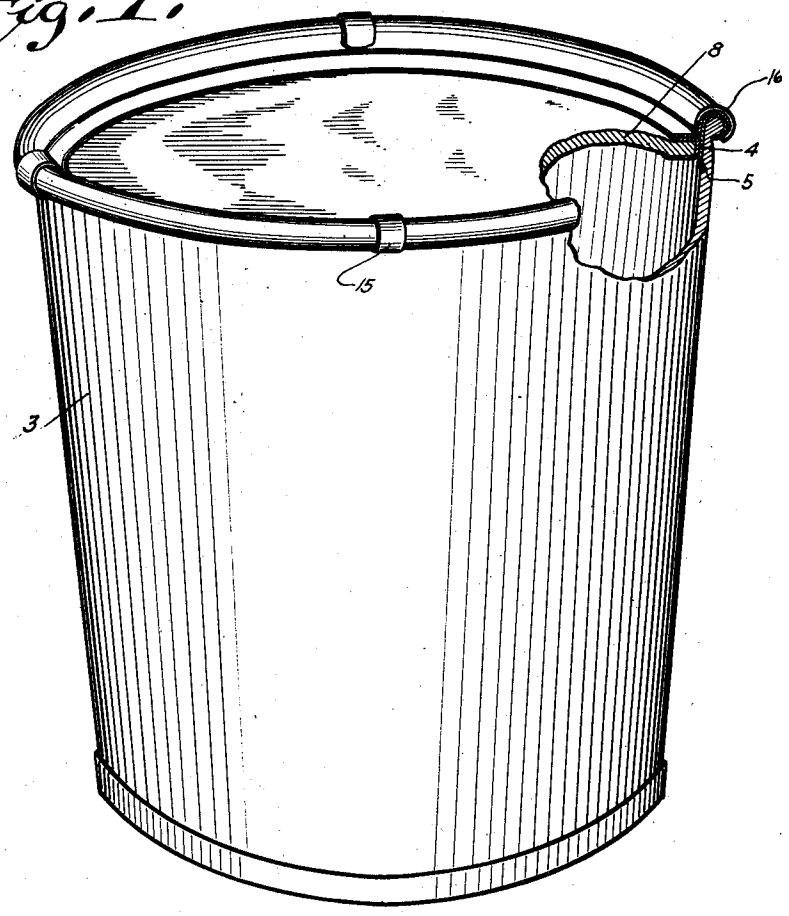
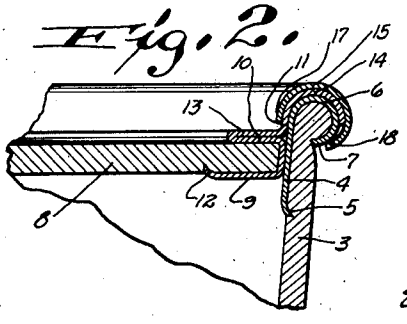


Fig. 2.



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CONTAINER.

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The invention relates to containers, and more particularly to a reinforced fibre or paper container.

The object of the invention is to provide an end closure for the container wherein the mouth thereof is reinforced by a metal band and is associated with a metal head-band having a flanged portion engageable with the mouth-band and detachably secured thereto by metal clips engageable with the metal parts on the siding and head of the container.

The invention further consists in the several features hereinafter set forth and more particularly defined by claims at the conclusion hereof.

In the drawings, Fig. 1 is a perspective view of a container embodying the invention, parts being broken away and parts being shown in section;

Fig. 2 is a detail vertical sectional view through the cover end of said container.

The siding or body 3 of the container is composed of fibre tubing, usually made up of a number of wrappings of paper or fibre sheets into cylindrical or conical form.

For forming the reinforcement for the mouth of the container, a strip of sheet metal, preferably sheet steel, is rolled into a band 4 and affixed to the upper edge of the container by pressing the inner edge 5 of the band into the wall of the container and bending the upper portion 6 of the band over the upper edge of the container and forcing the outer edge 7 of this bent or curved portion of the band into engagement with the siding, thereby forming a metal-sheathed mouth.

The head or cover structure comprises a fibre disk 8 mounted within oppositely disposed annular flanges 9 and 10 formed in a sheet metal band 11, the inner edge 12 of the flange 9 being forced into the body of said head. The band 11 has a part 13 bent back over the flange 10 and an annular arched or curved portion 14 of a curvature to fit and seat upon the curved portion 6 of the band 4.

The head structure is detachably but firmly clamped to the siding by bendable metal clips, either of band metal form, as the clips 15, or of wire form, as the clip 16, these clips being pressed at their inner ends 17 into engagement with the inner curve of the part 14 and at their outer ends 18 into engagement with the curved portion 6 of the band 4 adjacent the outer edge portion 7 of the siding and below the outer edge portion 14 of the band 11, so that the clips have to be pried loose before the head can be removed from the body of the container.

With this construction it will be understood that the band 11 forms an efficient wear-resisting surface, and that it is reinforced where it connects with the head and cooperates with the reinforced mouth to form surfaces that will readily take the metal clips without piercing the fibre parts of the container, and that the clips have an interlocked connection with said bands so that the cover cannot be removed without bending back a portion of each clip.

I desire it to be understood that this invention is not to be limited to any particular form or arrangement of parts except in so far as such limitations are specified in the claims.

What I claim as my invention is:

1. In a container, the combination with the siding, of a reinforcing metal band for the mouth of the container, said band having a portion extending around the inner wall of the siding adjacent its edge and over said edge into crimped engagement with the outer side of said siding to form a beaded edge, a removable head including a fibre disk, a metal band having spaced annular flange portions clamped to said disk and an annular flange portion engaging the reinforced edge of said siding, and means having crimped engagement with said beaded edge of said mouth band to detachably secure said head in position.

2. In a container, the combination with the siding, of a reinforcing metal band for the mouth of the container having a portion extending around the inner wall and a bead portion extending over the edge of the siding with its outer edge in crimped engagement with the outer side of the siding, a removable cover includng a fibre disk and a metal band secured to said disk and having a curved flange portion seating on the bead portion of said metal mouth-band, and means having crimped engagement with said bead portion of said mouth band to detachably secure said head in position.

3. In a container, the combination with the siding, of a reinforcing metal band for the mouth of the container, said band having a portion extending around the inner wall of

the siding adjacent its edge with its inner edge in embedded engagement with said siding, a bead portion extending over the edge of the siding with its outer edge in crimped engagement with the outer side of said siding, a removable cover including a fibre disk and a metal band having spaced annular flange portions clamped to opposite sides of the disk and a curved flange portion seating on the bead portion of said metal mouth-band, and means having crimped engagement with said bead portion of said mouth band to detachably secure said head in position.

In testimony whereof, I affix my signature.

EDWIN F. HULBERT.