March 30, 1937. O. E. PARKINSON 2,075,131

CONTAINER

Filed March 9, 1936

FIG. 1.

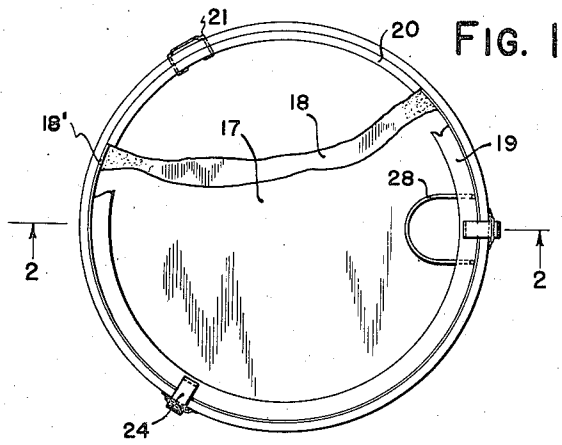


FIG. 4.

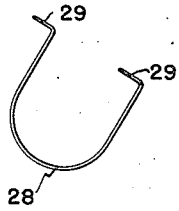


FIG. 2.

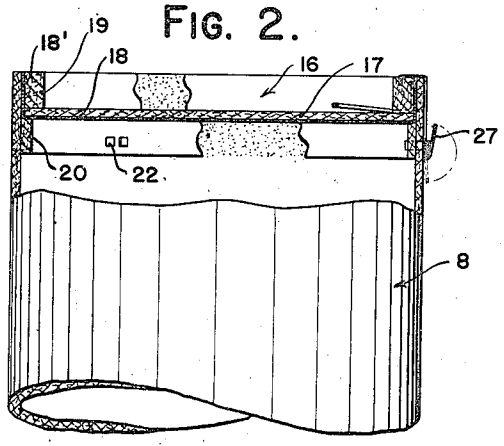


FIG. 5.

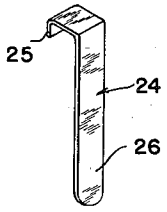


FIG. 6.

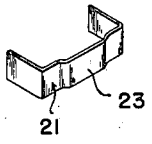


FIG. 3.

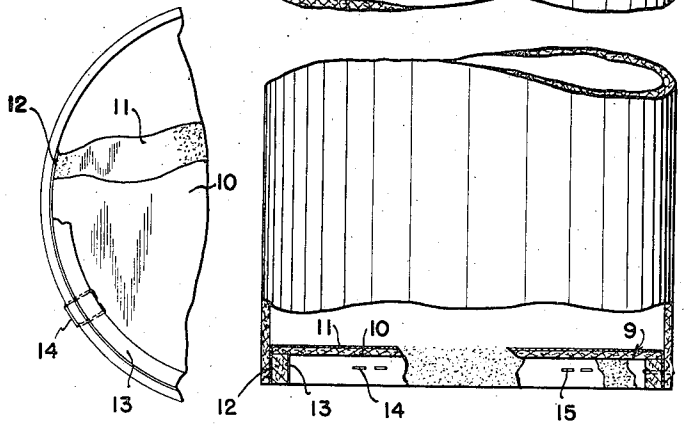
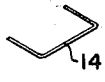


FIG. 7.



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UNITED STATES PATENT OFFICE

2,075,131

CONTAINER

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Application March 9, 1936, Serial No. 67,802

4 Claims. (Cl. 229—5.7)

The invention relates to containers and more particularly to shipping containers and especially to containers used for packing and shipping rolls of shade cloth and other roll materials.

The general object of the invention is to provide a shipping container formed of paper or fiber having a tubular body portion and closures secured thereto of novel construction and embodying a head member, a drawhead portion receiving said head and projecting therefrom, the projecting portion of said drawhead being reinforced by a fiber hoop or ring which is secured to the body portion of the container.

A further object of the invention is to provide a simple and efficient construction for securing the head end of the container in place during shipment.

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

In the drawing;

Fig. 1 is a plan view of the container embodying the invention, parts being broken away;

Fig. 2 is a view partly in elevation and partly in section, the section being taken on the line 2—2 of Fig. 1 and parts being broken away;

Fig. 3 is a detailed bottom plan view with parts broken away;

Fig. 4 is a detailed view of the cover lifter;

Fig. 5 is a perspective view of one of the cover clamps;

Fig. 6 is a detailed perspective view of a cover clamp fastener;

Fig. 7 is a perspective view of the bottom head fastener.

Referring to the drawing, the numeral 8 designates a tubular fiber body member forming the siding of the container and formed preferably of a number of plies of paper adhesively secured together and wound into tubular form though it may be of pulp, fiber or other cellulose material.

A bottom head 9 fits within one end of the siding 8 and is formed of a disk 10 of fiber, paper, wood, metal, or other suitable material, a drawhead member 11 preferably of a heavy kraft paper receiving the disk 10 within it and adhesively secured thereto and having an annular portion 12 projecting therefrom within which a fiber or laminated paper ring or hoop 13 fits. As noted this head telescopes within the end of the siding 8 and is preferably secured thereto by adhesive applied between the depending portion 12 of the drawhead 11 and the siding and by U-shaped wire staples 14 that pass through the siding, the portion 12, and the ring 13, and are clamped at 15 against the ring 13. The portion 12 is also preferably adhesively secured to the ring 13 so that a siding, the drawhead, and the ring constitute practically a one-piece laminated structure.

The cover head 16 is similar to the bottom head 9 in that it includes a disk 17 of fiber or laminated paper, wood, metal, or other suitable materials, a drawhead 18 of heavy kraft paper within which the disk 17 fits and is adhesively secured thereto and having an annular extension 18' within which a fiber or laminated paper ring 19 fits and to which it is secured by adhesive, this head adapted to slidably telescope within the upper end of the siding 8 and abut against a shoulder ring 20 of fiber or laminated paper or wood secured to the siding 8 by U-shaped flat metal clips 21 whose legs pass through the siding 8 and the ring 20 and are crimped at 22 against the inner side of the ring. These clips are also formed to provide a centrally disposed outwardly offset portion 23; and when the cover is in place in the drum as shown in Fig. 2, clamping members 24 having hooked-shaped ends 25 are adapted to have their hooked ends pushed down into embedding engagement with the ring 19 and their shanks 26 inserted through the offset portions 23 of the clips 21 and the ends 27 of the shanks then bent back over the offset 23 as shown in Fig. 2 so as to secure the head 16 to the siding. For releasing the head the ends 27 of the clamping members 24 are bent back to permit of their removal and the head pulled out of the siding with the aid of a wire bail 28 whose ends 29 are anchored in the head 16 by fastening the same to the ring 19. The shoulder ring 20 may also be secured to the siding by adhesive, and in the drawing the stippling indicates the adhesive between the various parts that have been previously referred to.

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 included in the claims.

What I claim as my invention is:

1. In a fiber container, the combination of a fiber siding, a head, adapted to fit within said siding, having a disk member, a drawhead of heavy paper within which said disk member fits and to which it is secured, and a thick fiber ring abutting said disk member and fitting within the sides of said drawhead and secured thereto, and means for securing said head to said siding.

2. In a fiber container, the combination of a

fiber siding, a head, adapted to fit within said siding, having a disk member, a drawhead of heavy paper within which said disk member fits and to which it is adhesively secured, and a thick fiber ring abutting said disk member and fitting within the sides of said drawhead and adhesively secured thereto, and means for securing said head to said siding.

3. In a fiber container, the combination of a fiber siding, a head, adapted to fit within said siding, having a disk member, a drawhead of heavy paper within which said disk member fits, and a thick fiber ring abutting said disk member and fitting within the sides of said drawhead, said drawhead being also adhesively secured to said disk member and to said siding.

4. In a fiber container, the combination of a fiber siding, a head, adapted to fit within said siding, having a disk member, a drawhead of heavy paper within which said disk member fits and to which it is secured, and a thick fiber ring abutting said disk member and fitting within the sides of said drawhead and secured thereto, a shoulder ring for said head mounted within said siding, clips for securing said shoulder ring in position, and clamping members engageable with said head and having shanks engageable with said clips.

OSCAR E. PARKINSON.