

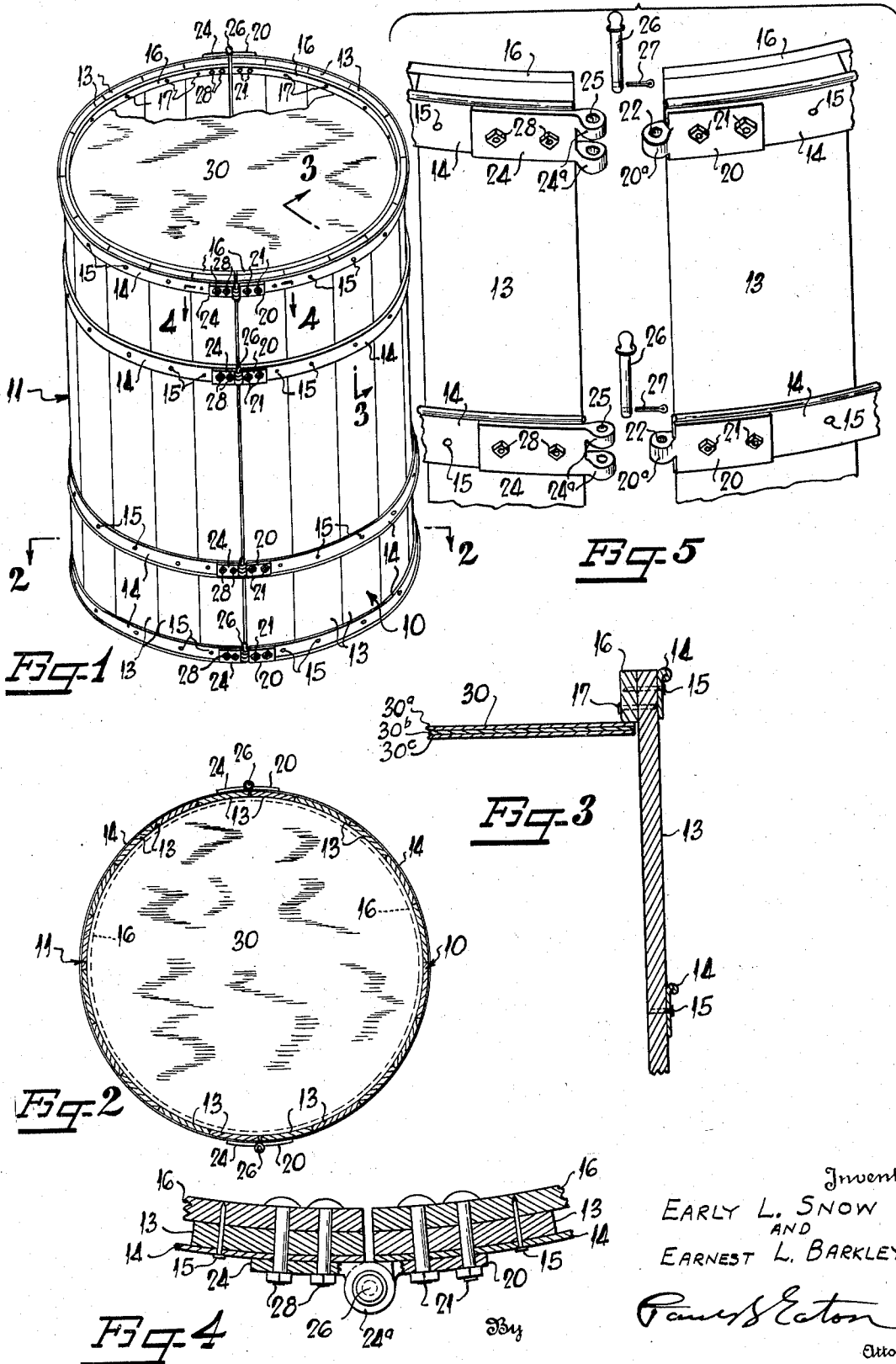
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HOGSHEAD AND METHOD OF USING SAME

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HOGSHEAD AND METHOD OF USING SAME

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1 Claim. (Cl. 217-72)

This invention relates to a shipping container and more especially to a hogshead in which contents such as tobacco are adapted to be packed. More particularly, the invention relates to a tobacco hogshead, comprising two sections which are hingedly united to each other for the purposes of assembling and dismantling, and having heads held in place by the closing of the two sections.

It is a well known fact that after tobacco has been placed in a hogshead under considerable pressure that it is necessary to inspect the contents therein, at certain times, to determine the state of the tobacco. It is therefore necessary to provide means whereby a portion of the hogshead may be opened without permanently disturbing the staves or head members therein and which may be replaced to original position.

It is therefore, an object of this invention to provide a hogshead comprising a top and bottom head portion secured between two semi-circular halves with means for hingedly securing said semi-circular halves together.

It is a further object of this invention to provide a hogshead of the class described with a binder strip secured permanently at the upper and lower ends of the halves, which strips normally hold a pair of heads in position and in contact with the tobacco placed therebetween. By permanently securing these binder strips to the halves, in combination with two detachably secured barrel sections, it is possible to allow the two sections to be disconnected at their upper ends while the packing operation is taking place. When it is desired to insert the head therein, the outward bulge of the tobacco as it is being pressed downwardly into the hogshead along with the head portion by a suitable press, will cause the upper end of the hogshead to flare outwardly sufficiently to allow the head portion to move downwardly past the binder strips. After this is done suitable bands or chains are placed around the upper portion of the hogshead and a pull is exerted thereon to restore the upper portion thereof to a converged normal position so that the upper ends of the halves can be secured together. At this time the binder strips will prevent the head portions from escaping from the ends of the hogshead under the pressure of the tobacco. Some of the objects of the invention having been stated, other objects will appear as the description proceeds, when taken in connection with the accompanying drawing, in which—

Figure 1 is a perspective view of the invention with a portion thereof broken away;

Figure 2 is a sectional, plan view taken along line 2-2 in Figure 1;

Figure 3 is a sectional, detail view taken along line 3-3 in Figure 1;

Figure 4 is a fragmentary, sectional view with portions of the hinge shown in elevation, and taken along line 4-4 in Figure 1;

Figure 5 is an exploded perspective view of a junction section between the two halves of the hogshead showing the means for securing the same together.

Referring more specifically to the drawing, the numerals 10 and 11 denote the halves or sections of a container both of said sections comprising a plurality of staves 13, which are secured together intermediate their ends by semi-circular bands 14. The bands are secured to the staves by any suitable means such as nails 15. Secured to the upper and lower ends of the halves 10 and 11, and on the interior thereof are binder strips 16, said strips being secured to the staves 13 by nails 17. The nails 17 cooperate with nails 15 which are driven from the outer side of the hogshead and through the upper and lower semi-circular bands 14, (Figure 3), to hold the ends of the staves 13 between members 14 and 16.

Each end of band 14 in the semi-circular section 10 has a hinge leaf 20 secured thereto by any suitable means such as bolts 21. This leaf has a projection 20a integral therewith with a hole 22 therein, said projection being adapted to fit between a pair of projections 24a of hinge leaf 24. The projections 24a have holes 25 therein which are adapted to coincide with the holes 22 when the halves are in assembled position. When the holes are in a coinciding relation suitable pins 26 are inserted therein, each of said pins being held in position by any suitable means such as a cotter pin 27 penetrating its smaller end. The hinge leaf 24 is secured to section 11 by bolts 28.

Suitable ply-wood head portions 30 are adapted to be positioned in the upper and lower ends of said hogshead between the binder strips 16 when the same is filled. Tobacco or other material is packed between these head portions and with the halves secured together in the manner shown in Figures 1 and 2, the head portions will be held in place. During the packing operation it is desirable to leave the uppermost hinges (Figure 1), disconnected. After the desired quantity of material has been placed therein and it is desired to place the top head 30 in position, a suitable press is used to press the tobacco or material downwardly along with this head portion 30. The pressure necessary to compress the material

in the hogshhead will be sufficient to cause the upper portion of sections 10 and 11 to flare outwardly a sufficient amount to allow the periphery of the head 30 to pass between the binder strips 16. When this head portion has been pressed 5 below the binder strips 16 the suitable chain is wrapped around the upper portion of the hogshhead and the hinge leaves 20 and 25 are drawn together so that the pins 26 can be inserted there- 10 in. In this position, the head 30 cannot escape from the hogshhead as a result of the back pressure exerted by the tobacco. Also, since the head portions are constructed of ply-wood comprising layers 30a and 30b and 30c, the heads can be made 15 of much less material thereby eliminating objectionable weight of the hogshhead.

When it is desired to inspect the tobacco packed in the hogshhead the pins can be removed from the two hoops adjacent one end and the halves 20 separated to allow removal of the head, after which the hogshhead can be sealed as above-outlined.

In the drawing and specification there has been set forth a preferred embodiment of the inven-

tion, and although specific terms are employed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being set forth in the appended claim.

We claim:

A hogshhead comprising two semi-circular sections having semi-circular hoops secured on their exteriors, the ends of said hoops having a pair of projections on one end and a central single pro- 5 jection on their other ends adapted to fit between a pair of projections on an adjacent end of a complementary hoop section, pins disposed in 10 said projections to hold the hogshhead in closed position, each end of each semi-circular section having a strip secured on the inside surface there- 15 of near their ends, and a unitary head member disposed on the inside of each of said strips, either of said heads being removable by removing the pins from the proximate semi-circular hoop mem- 20 bers.

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