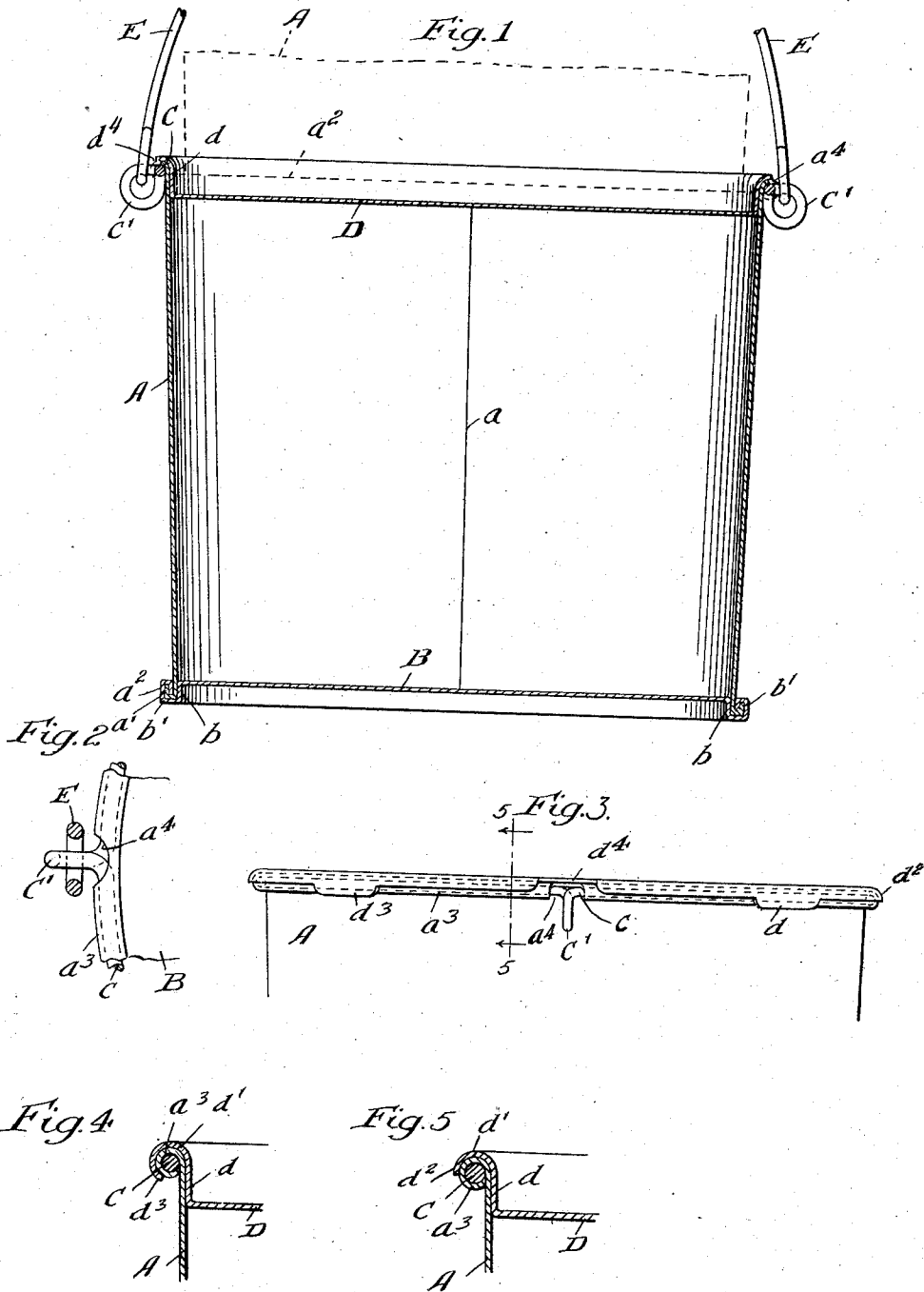


C. STOLLBERG.
SHEET STEEL KEG.
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Witnesses:

Wm. Geiger
H. W. Munday

Inventor:
Charles Stollberg

By Munday, Evans, Odcock & Clarke.

Attorneys

UNITED STATES PATENT OFFICE.

CHARLES STOLLBERG, OF TOLEDO, OHIO, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

SHEET-STEEL KEG.

1,015,355.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES STOLLBERG, a citizen of the United States, residing in Toledo, in the county of Lucas and State of Ohio, have invented a new and useful Improvement in Sheet-Steel Kegs, of which the following is a specification.

My invention relates to improvements in the construction of sheet steel kegs or vessels for holding and shipment of white lead or other heavy materials.

My invention consists in a sheet steel keg or vessel having a seamed body of slightly tapering form and provided with a countersunk bottom head secured by an external double or folded seam to the body so that the bottom head, in connection with the annular roll of the seam, will effectually stiffen and brace the lower end of the keg, and furnished at its upper end with an external roll embracing an annular stiffening wire which is furnished with diametrically opposite integral bail ear loops projecting through notches provided in the annular roll of the body, combined with a deep countersunk inside fitting friction cover which is furnished with an annular U-shaped rim that embraces the annular roll on the body, and which is provided with diametrically opposite notches to accommodate the bail ear loops, on the stiffening wire of the body, and the bail, and which is also furnished with integral cover holding lips adapted to be clenched or bent around or under the external roll on the body to lock the cover in place and hold it in efficient bracing and stiffening relation to or cooperation with the body.

The invention further consists in the novel construction of parts and devices and in the novel combinations of parts and devices herein shown and described and more particularly specified in the claims.

In the accompanying drawing, forming a part of this specification, Figure 1 is a central vertical sectional view of a sheet steel white lead keg or vessel embodying my invention; Fig. 2 is a detail plan view; Fig. 3 is a detail partial elevation; Fig. 4 is a detail section through one of the cover holding lips; and Fig. 5 is a detail partial section on line 5-5 of Fig. 3.

In the drawing A represents the sheet

steel body of the vessel, the same having a folded or lock side seam a , and being of slightly tapering form, as indicated in the drawing, so that the lower end of one vessel with its external double seam which unites the body to the bottom, may fit within the countersunk cover of another similar vessel and thus enable the filled vessel to be nested, stacked, or piled securely one on top of another, as indicated in Fig. 1 of the drawing.

B is the sheet steel countersunk bottom head of the vessel, the same having an annular flange or wall b fitting within the lower end of the body, and a seaming flange b^1 which is interfolded with the flange a^1 at the lower end of the body into an external double seam a^2 which securely unites the bottom head to the body, and also surrounds the lower end of the body as a hoop or external roll to brace and stiffen the same.

The body A at its upper end is furnished with an integral external annular roll a^2 which embraces an annular stiffening wire or rod C. The stiffening wire C is provided at diametrically opposite points with integral bail ear loops C^1 , and the external annular roll a^3 on the body is provided with diametrically opposite notches or cutaway portions a^4 to accommodate the bail ear loops or for them to project through.

D is the deep countersunk cover of the vessel. The countersunk wall d' of which fits within the upper end or mouth of the vessel and forms a tight friction fit therewith, so that the cover not only serves as a closure for the vessel but also as an efficient brace and strengthening device for the upper end of the body. The deep countersunk tight friction fit cover D is also provided with an annular U-shaped rim d^1 which snugly fits and embraces the external annular roll a^3 at the upper end of the body. The outer annular wall d^2 of the inverted U-shaped rim of the cover is also provided with a plurality of integral clenching lips d^3 which are adapted to be bent or clenched under the external roll on the body to lock the cover in place and hold it securely in cooperative stiffening and bracing relation with the upper end of the body and its external stiffening roll. The outer wall or flange d^2 of the cover rim is also provided with diametrically opposite notches d^4 to

accommodate the bail ear loops C¹ of the wire C and the bail E which is secured to said bail ear loops.

I claim:

- 5 1. A sheet metal vessel adapted to retain white lead or other heavy materials, comprising a body having an integral external roll at its upper edge, a stiffening wire within said roll surrounding the body and
10 provided with radially projecting bail ear loops extending outwardly from said roll, said external roll on the body having notches to accommodate the bail ear loops, a counter-sunk tight friction cover fitting within the
15 mouth of the body and provided with an annular peripheral inverted U-shaped rim snugly engaging and superposed upon said external roll on the body, said U-shaped rim being provided with notches registering
20 with the notches in the roll on the body to accommodate said bail ear loops of the stiffening wire, said U-shaped rim having also integral cover-holding lips located between
25 the notches therein, said lips engaging with and bent around the external roll on the body whereby the external roll on the

body is strengthened to better hold and retain the stiffening wire, substantially as specified.

2. A sheet metal vessel comprising a body 30 having an external roll at its upper end, a stiffening wire within said roll surrounding the body and provided with diametrically disposed radially projecting integral bail ear loops, said external roll on the body hav- 35 ing notches therein to accommodate the bail ear loops, and a cover fitting within the mouth of the body and provided with an annular peripheral rim, said rim being provided with notches coinciding with the 40 notches in the roll on the body, said rim fitting against and reinforcing said external roll on the body and the stiffening wire at each side of the bail ear, said rim of the cover having integral holding clips clenched 45 under the external roll on the body at points spaced away from the bail ear, substantially as specified.

CHARLES STOLLBERG.

Witnesses:

EDMUND ADCOCK,
H. M. MUNDAY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."