No. 859,300. PATENTED JULY 9, 1907.

B. H. KANNENBERG.

JACKET CAN.

APPLICATION FILED FEB. 8, 1907.

Fig. 1

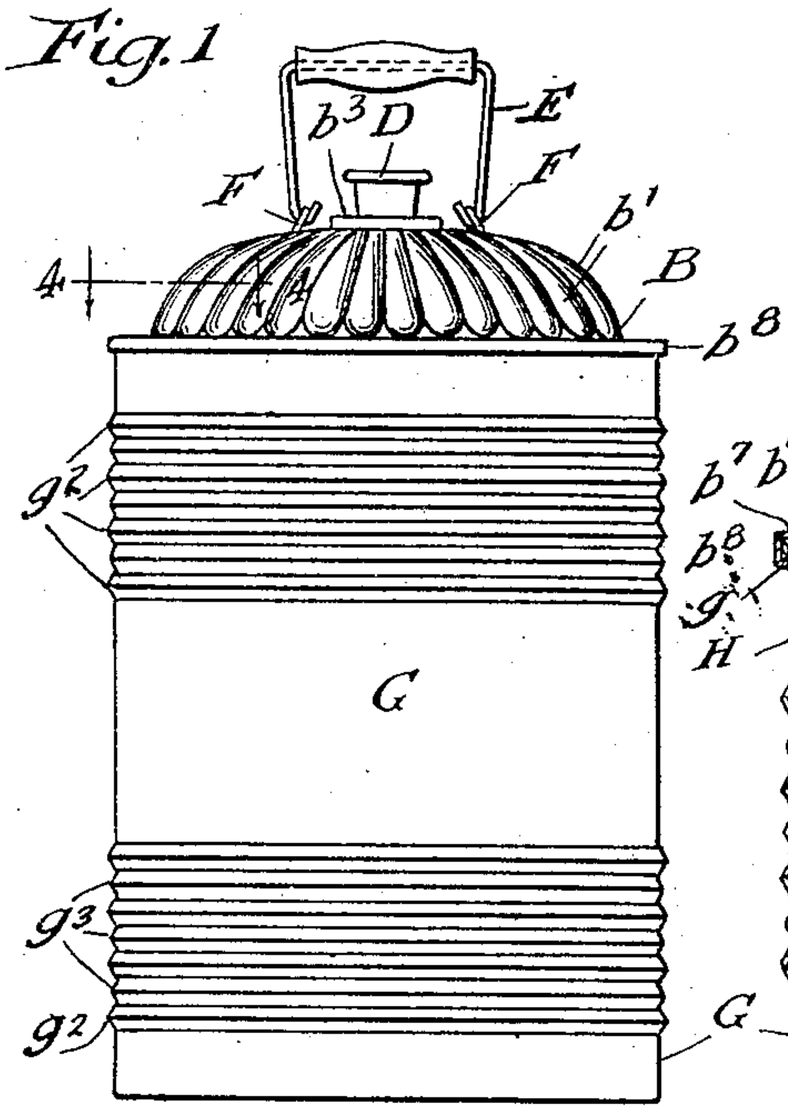


Fig. 2

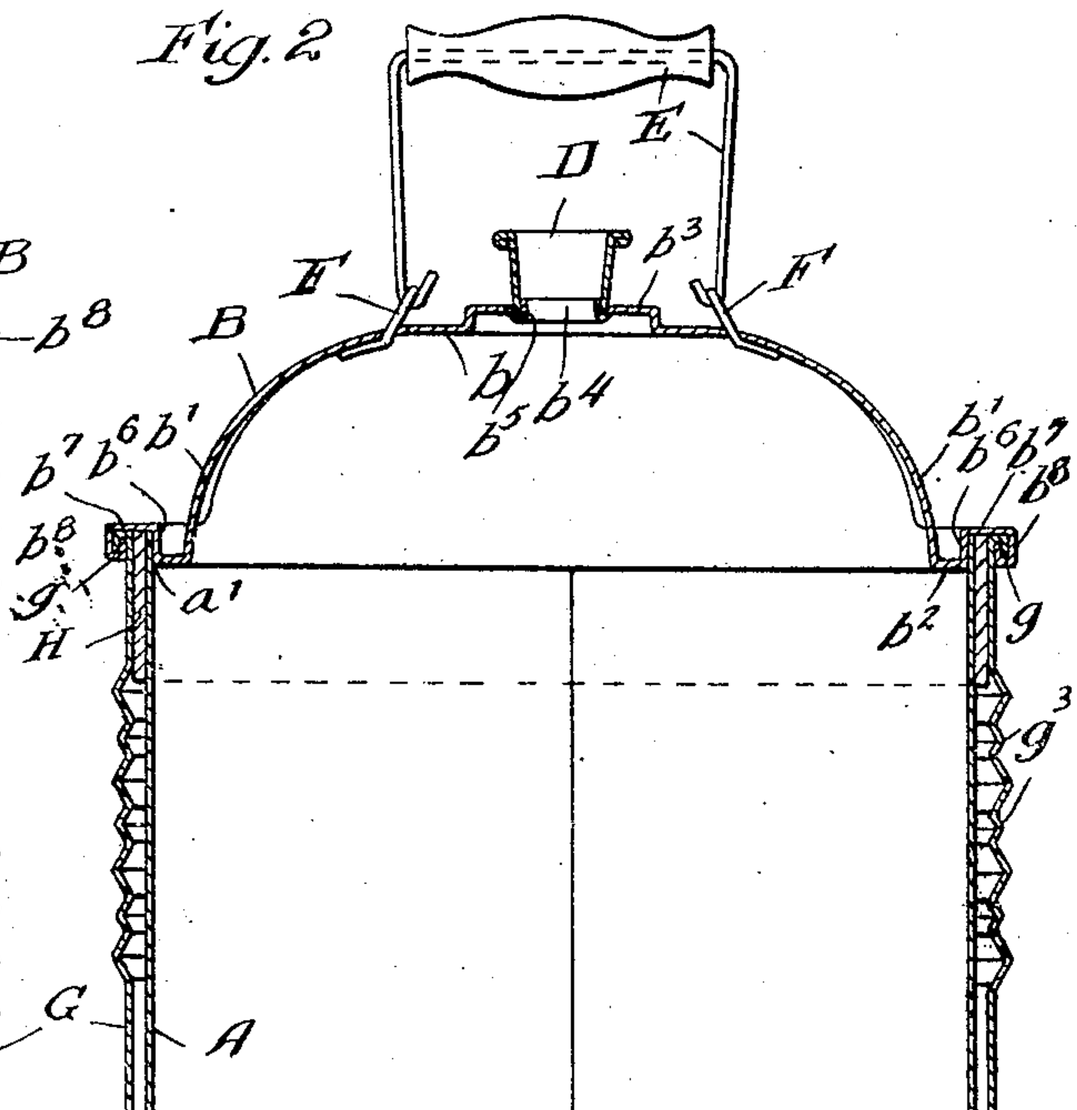


Fig. 3

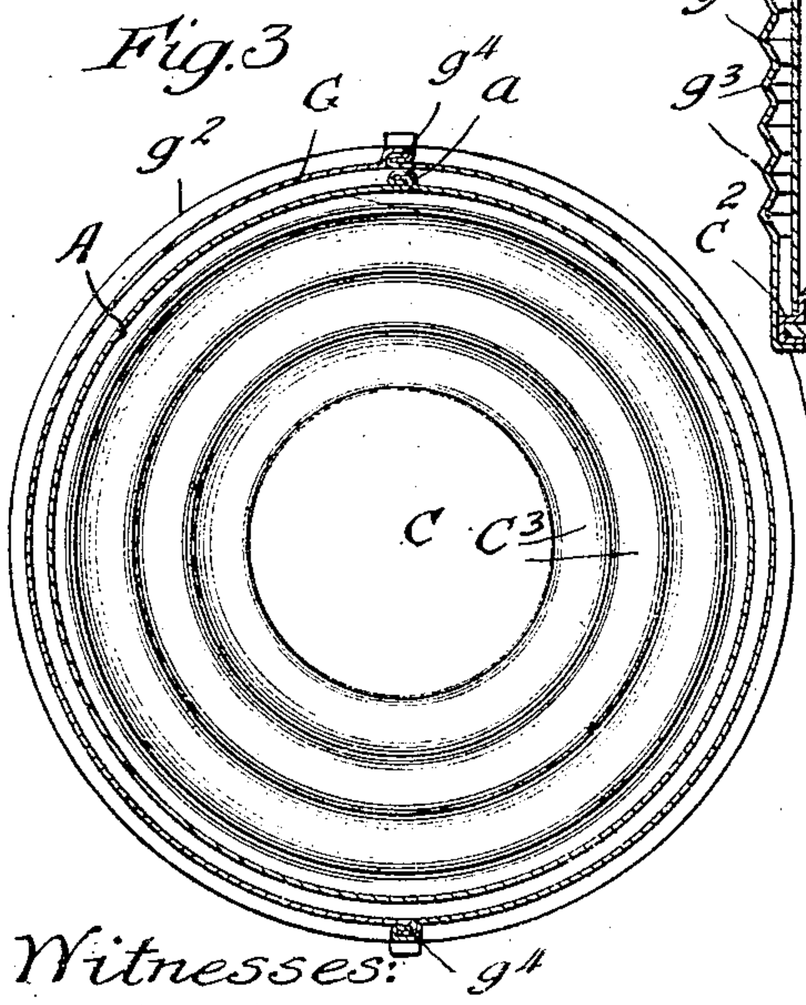
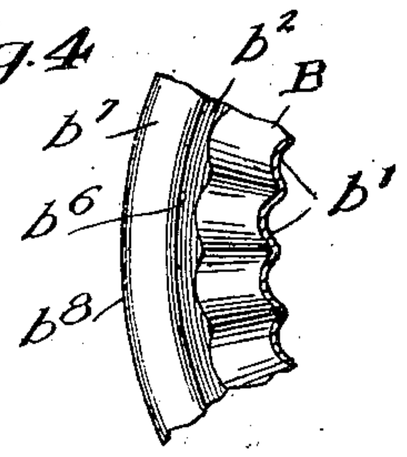


Fig. 4



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UNITED STATES PATENT OFFICE.

BALDWIN H. KANNENBERG, OF OAK PARK, ILLINOIS, ASSIGNOR TO AMERICAN CAN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

JACKET-CAN.

No. 859,300. Specification of Letters Patent. Patented July 9, 1907.

Application filed February 8, 1907. Serial No 356,374.

To all whom it may concern:

Be it known that I, BALDWIN H. KANNENBERG, a citizen of the United States, residing in Oak Park, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Jacket-Cans, of which the following is a specification.

My invention relates to jacket cans for handling and shipment of petroleum and other articles.

My invention 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 side elevation of a jacket can embodying my invention. Fig. 2 is a central vertical section. Fig. 3 is a cross or horizontal section, and Fig. 4 is a horizontal section on line 4—4 of Fig. 1.

In the drawing A represents the body of a sheet metal can, B the top head and C the bottom head.

D is the pouring nozzle, E the bail and F the bail ears.

G is the can body jacket, the same being preferably of sheet iron or steel. H a filling rim of wood interposed between the can body and the can body jacket at the upper end of the can, and K the jacket bottom of wood veneer or other suitable material to protect the bottom head C of the can.

The sheet metal body A has the customary side seam a, and it is secured by soldered joints or seams a^1 a^2 to the top and bottom heads B, C of the can. The upper or top head B has a dome-shaped central portion b furnished with a series of radially extending tapering and convexly curved flutes b^1, extending from the countersunk annular base b^2 of the top B to the raised central boss b^3 thereof. The raised central boss b^3 is furnished with a pouring opening b^4 surrounded by an upturned flange b^5 to which the pouring nozzle D is soldered or secured. The dome-shaped radially fluted top or upper head B is provided with an annular flange or shoulder b^6 which fits within the upper end of the body A and to which said body is soldered, and also with an outwardly projecting annular flange b^7 furnished with a downwardly projecting seaming flange b^8 which is folded into a seam g with the upper end of the sheet metal can body jacket G. The supplemental or filler rim H of wood or other like material fits at its upper end or edge against the outwardly projecting annular flange b^7 of the top head B of the can and between the can body A and the jacket body G.

The bottom head C is provided with an annular cylindric flange or shoulder C^1 which fits within the lower end of the can body A, and to which this lower end of the can body is securely soldered. The bottom head C is also provided with a horizontally extending flange or annular rim C^2 which is folded over the peripheral edge of the jacket bottom K, thus securely uniting the jacket bottom to the bottom head of the can and through it to the can body. The lower end of the sheet metal jacket body G is provided with an inwardly projecting annular flange or rim g^1 which overlaps the bottom head flange or rim C^2, thus causing the sheet metal jacket body to securely embrace the jacket bottom K and bottom head C of the can. The bottom head C of the can is also preferably provided with annular beads C^3. The sheet metal jacket body G is also preferably provided with circular raised stiffening ribs or beads g^2, and preferably with smaller ones g^3 intervening between the larger ones.

The bail ears F are secured to the radially fluted dome shaped top head B by solder, and preferably extend through slits or slots formed in said head B. The sheet metal jacket body G is preferably formed of two pieces united by lock side seams g^4 at their meeting edges.

I claim:

1. In a jacket can, the combination with a sheet metal can body, and top and bottom heads secured thereto, of a sheet metal jacket body surrounding the can body and seamed at its upper end to the top head of the can, a jacket bottom secured to the bottom head of the can, said can body jacket having a flange or rim at its lower end folded over and embracing the bottom head of the can and the jacket bottom, and a supplemental or filler rim interposed between the can body and the can body jacket at the upper end of the can, substantially as specified.

2. In a jacket can, the combination with the body, top and bottom heads of the can, of a sheet metal can body jacket the top head of the can having an outwardly projecting seaming flange and the upper end of the jacket being folded outwardly and downwardly with said seaming flange of the can head into a seam which circumferentially surrounds and embraces the upper portion of the can body jacket as a hoop, substantially as specified.

3. In a jacket can, the combination with the body, top and bottom heads of the can, of a sheet metal can body jacket, the top head of the can having an outwardly projecting seam flange and the upper end of the jacket being folded outwardly and downwardly with said seaming flange of the can head into a seam circumferentially surrounding and embracing the upper portion of the can body jacket as a hoop, said can body jacket having an annular flange or rim at its lower end embracing the bottom head of the can, substantially as specified.

4. In a jacket can, the combination with the body, top and bottom heads of the can, of a sheet metal can body jacket seamed at its upper end to the top head of the can and having an annular flange or rim at its lower end embracing the bottom head of the can, and a jacket bottom secured to the bottom head of the can and also embraced by the annular flange or rim at the lower end of the can body jacket, substantially as specified.

5. In a jacket can, the combination with a can body, of

a radially fluted and dome-shaped top head having an annular flange fitting within and soldered to the upper end of the can body and provided with an outwardly projecting annular seaming flange, and a sheet metal jacket folded outwardly and downwardly at its upper end with the seaming flange of said top head into a seam surrounding and embracing as a hoop the upper portion of said jacket, substantially as specified.

6. In a jacket can, the combination with a can body, of a radially fluted and dome-shaped top head having an annular flange fitting within and soldered to the upper end of the can body and provided with an outwardly projecting annular seaming flange, a sheet metal jacket folded outwardly and downwardly at its upper end with the seaming flange of said top head into a seam surrounding and embracing as a hoop the upper portion of said jacket, and a supplemental or filler rim interposed between the upper end of the can body and can body jacket, substantially as specified.

7. In a jacket can, the combination with a can body, of a radially fluted and dome-shaped top head having an annular flange fitting within and soldered to the upper end of the can body and provided with an outwardly projecting annular seaming flange, a sheet metal jacket folded outwardly and downwardly at its upper end with the seaming flange of said top head into a seam surrounding and embracing as a hoop the upper portion of said jacket, a bottom head having an annular wall fitting within the lower end of the can body, and a jacket bottom secured to said bottom head, substantially as specified.

8. In a jacket can, the combination with a can body, of a radially fluted and dome-shaped top head having an annular flange fitting within and soldered to the upper end of the can body and provided with an outwardly projecting annular seaming flange, a sheet metal jacket seamed at its upper end to the seaming flange of said top head, a bottom head having an annular wall fitting within the lower end of the can body, a jacket bottom secured to said bottom head, and said can body jacket having an annular flange or rim at its lower end embracing the bottom head and jacket bottom, substantially as specified.

9. In a jacket can, the combination with a can body, of a radially fluted and dome-shaped top head having an annular flange fitting within and soldered to the upper end of the can body and provided with an outwardly projecting annular seaming flange, a sheet metal jacket secured at its upper end to the seaming flange of said top head, a bottom head having an annular wall fitting within the lower end of the can body, a jacket bottom secured to said bottom head, and said bottom head having an annular rim folded over and embracing said jacket bottom, substantially as specified.

10. In a jacket can, the combination with a can body, of top and bottom heads having annular shoulders fitting within and soldered to said body, and provided with annular outwardly projecting rims, a sheet metal can body jacket folded outwardly and downwardly at its upper end with the annular rim of the top head into a seam surrounding and embracing as a hoop the upper portion of said jacket and having an inwardly projecting rim at its lower end embracing the bottom head of the can, substantially as specified.

11. In a jacket can, the combination with a can body, of top and bottom heads having annular shoulders fitting within and soldered to said body, and provided with annular outwardly projecting rims, a sheet metal can body jacket seamed at its upper end to the annular rim of the top head and having an inwardly projecting rim at its lower end embracing the bottom head of the can, and a jacket bottom embraced by the annular rim of the bottom head and by the annular rim at the lower end of the jacket body, substantially as specified.

BALDWIN H. KANNENBERG.

Witnesses:
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