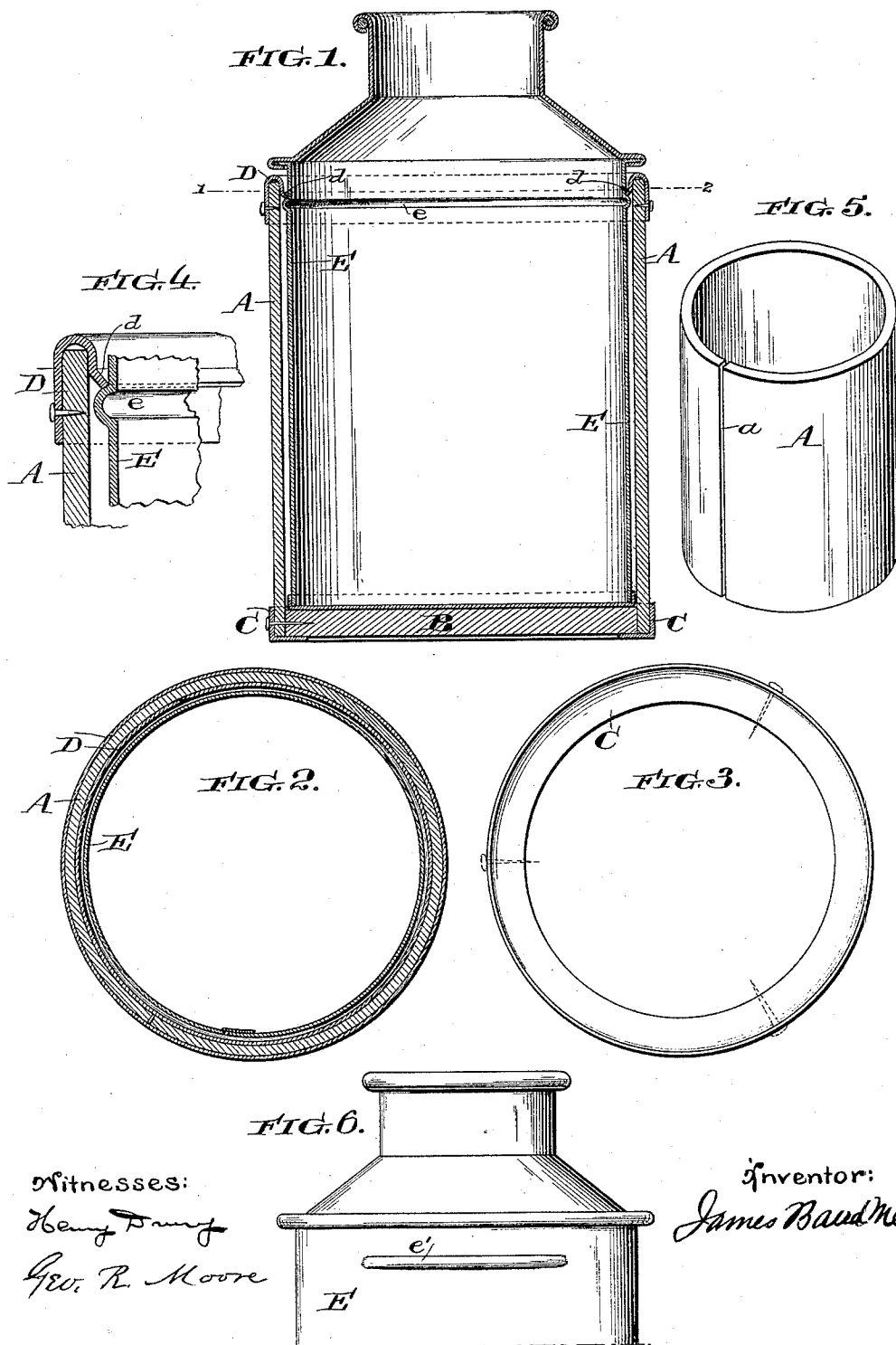


(No Model.)

J. B. MELLOY.
WOOD CASED OIL CAN.

No. 460,145.

Patented Sept. 29, 1891.



Witnesses:

Henry D. Dwyer

Geo. R. Moore

Inventor:

James Baud Melloy

UNITED STATES PATENT OFFICE.

JAMES BARD MELLOY, OF PHILADELPHIA, PENNSYLVANIA.

WOOD-CASED OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 460,145, dated September 29, 1891.

Application filed April 15, 1891. Serial No. 389,076. (No model.)

To all whom it may concern:

Be it known that I, JAMES BARD MELLOY, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Wood-Cased Oil-Cans, of which the following is a specification.

The object of my invention is to provide improved end hoops for the wood casings of oil-cans; also, an improved mode of attaching wood casings to the cans for which they are intended.

Wood casings intended for oil-cans are so responsive to atmospheric changes that in a brief space of time, when held by hoops as heretofore made, they get out of round, so that it becomes difficult to put them on the cans and impossible to restore them to a workmanlike appearance.

I use a seamless sheet-metal stamped hoop with an annular flange inward of sufficient width to maintain its circle firmly, and hence the true circle of the casing inclosed by it. This is all that is required in the bottom hoop. The top hoop is started in the same way and given two additional manipulations, by which it incloses or infolds the upper end of the wood casing and becomes a part of the device for attaching the casing to the can, as shown in the drawings.

Figure 1 is a vertical transverse section of a wood-cased oil-can with my improvement. Fig. 2 is a cross-section taken on the line 1 2 of Fig. 1. Fig. 3 is a plan view of the bottom hoop of the wood casing. Fig. 4 is an enlarged view of the parts therein lettered. Fig. 5 is a perspective view of the casing alone and unhooped. Fig. 6 is a perspective view of the upper end of the oil-can alone and uncased.

Similar letters refer to similar parts in all the views.

A is the wood body of the casing; *a*, joint showing the casing to be made in one piece. B is the wood bottom of the casing.

C is the bottom hoop of the casing. It will be seen that this is not an ordinary hoop, though on the finished article it has no unusual appearance. It is wholly without seam or lap or weld, and is so stamped up from one piece of sheet metal as to leave an inward flange at right angles to its face side and of

sufficient width to hold the hoop solidly in its circular form. One of its important functions is to keep the wood casing in a true circle as well before it is placed upon the can as afterward.

D is the top hoop of the casing, and this is also made without seam or joint of any kind. It is first stamped up from one piece of sheet metal precisely the same as the bottom hoop, with its inward flange, which in this top hoop is of proper width, so that placed upon a suitable form its inner portion is turned down parallel to its outside form, with a space between the two circles of sufficient width to receive the wood casing, as clearly shown in the drawings. The turned-down flange is finally left with a slight bend inward, so that by its elasticity it may suffer the can, with its bead *e* or *e'*, to be pressed down below it. By its elasticity it springs back and stands as a brace or a pawl to keep the can down when it has been pushed into its normal place.

d is the inside edge of the top hoop, made sufficiently elastic to allow the bead *c* on the can to be crowded down past it. It need not extend all around.

E is the tin can.

e' indicates that the bead on the can may be in short portions, instead of complete, if preferred.

When the casing is hooped, as shown, and the can is provided with the bead *e* or *e'* and pressed into the case, it is held there by the edge *d*, which need have the spur form only in a few places to hold the casing in place.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination, the can E and casing A, provided with the following locking devices for holding them together: the bead *e* on the body of the can, and the elastic edge *d*, terminating the inside edge of the top hoop D of the casing A, whereby the can is pressed into the casing until the bead *e* is carried slightly below the elastic edge of the hoop and is caught by its rebound or spring over the bead, and thus the can is held firmly in place, substantially as and for the purpose herein specified.

JAMES BARD MELLOY.

Witnesses:

GEO. R. MOORE,
J. R. MASSEY.