

R. MANSURE, Jr.

Vessels for Paints, Oils, Varnishes, &c.

No. 140,148.

Patented June 24, 1873.

Fig 1

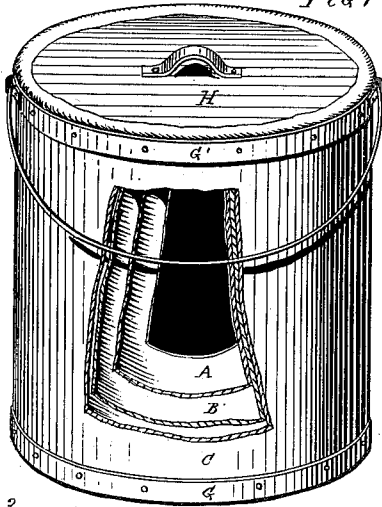


Fig 2

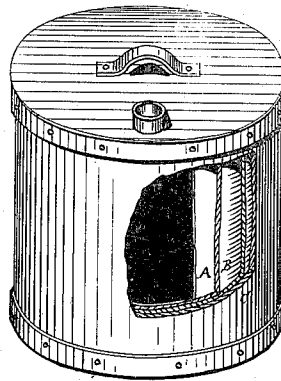


Fig 3

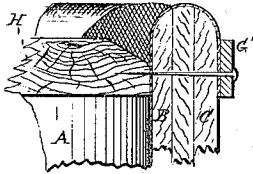


Fig 4

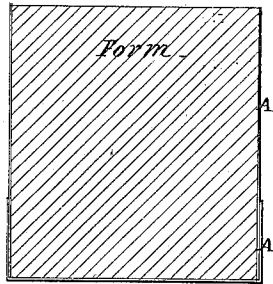


Fig 5

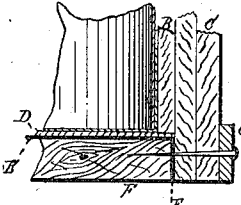
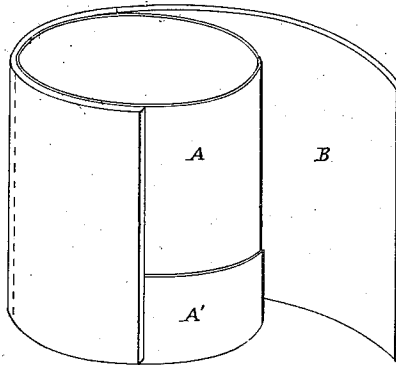


Fig 6

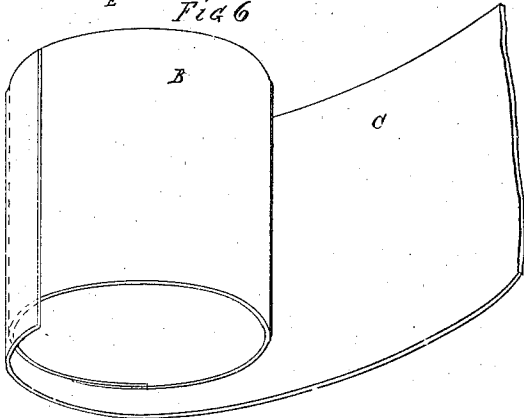
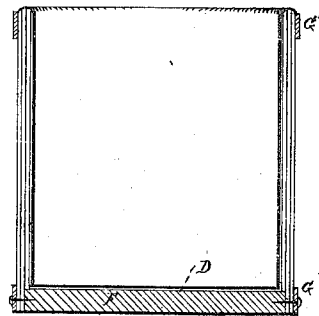


Fig 7



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Inventor,
Robert Mansure, Jr.

UNITED STATES PATENT OFFICE.

ROBERT MANSURE, JR., OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF HIS RIGHT TO GEORGE BATES, OF SAME PLACE.

IMPROVEMENT IN VESSELS FOR PAINTS, OILS, VARNISHES. &c.

Specification forming part of Letters Patent No. 140,148, dated June 24, 1873; application filed
December 5, 1872.

To all whom it may concern:

Be it known that I, ROBERT MANSURE, Jr., of the city and county of Philadelphia and State of Pennsylvania, have invented a certain Improvement in Case for Holding Paints, Oils, Varnishes, &c., of which the following is a specification:

This invention is intended as a cheap substitute for the more expensive tin can, in which paints, oils, and varnishes are placed and sealed for transportation. It consists in employing heavy paper or pasteboard for forming the cylindrical portion or sides of the case, and wood for inclosing the ends of the same, with a lining of tin-foil to prevent the materials saturating the paper or wood.

Figure 1 is a perspective view of my improvement in case for holding paints with a portion of the side broken away to show the layers of pasteboard and tin-foil. Fig. 2 is a perspective view of the case adapted for holding oils or varnishes with a portion of the side broken away similar to Fig. 1. Fig. 3 is a sectional view magnified of the upper and lower portion of the case. Figs. 4, 5, 6, and 7, are views showing the case in various states in the course of construction.

In constructing a case of a cylindrical shape, a suitable block or form is selected, around which a strip of tin-foil, A, is passed, after which the lower portion of the block is also covered with tin-foil A', as shown in Fig. 4. A coating consisting of a mixture of white lead, brown, oil, varnish, japan, and turpentine is then spread over the outside of the foil, and before it becomes dry a strip of light pasteboard or heavy brown paper, B, Fig. 5, is passed around it, so that it adheres closely to the leaf of metal when the composition becomes dry. A strip of pasteboard or heavy paper, C, Fig. 6, of an increased width and length, is now prepared with a coating of the mixture above described, and coiled twice or more around the pasteboard B, the composition causing the layers to adhere closely and form a compact mass when thoroughly dry.

The strip C being cut, as stated, of a greater width than strip B, projects a short distance over its lower end, and forms a circular recess, in which the lower end or bottom of the case is placed and secured. This is accomplished by first inserting a circular piece of paper, D, in the recess, which adheres to the tin-foil and protects it from injury while a coating of cement is applied. This cement is spread completely over the surface of the paper D and around the inside of the projecting edge of the strip C, as shown at E, Fig. 3. The circular wooden piece F is then inserted in the recess and embedded firmly in the cement, thus forming a perfectly-tight joint, after which a hoop, G, made of wood, is placed around the case and secured by nails driven through it into the edge of the bottom piece F. The upper edge of the tin-foil lining is turned over the edges of the pasteboard, and is extended under a hoop, G'. The lid H is chamfered around the edge to form a channel for cement, as shown at Fig. 3, and when placed within the case is held by means of nails driven through the hoop G'. In sealing the case the cement is placed in the channel and completely closes the joint around the edges of the lid. The case, as shown at Fig. 2, is closed at both ends, and is adapted for holding oils or varnishes, the construction being otherwise similar to Fig. 1.

What I claim as my invention is—

A case for holding paints, oils, varnishes, &c., the sides of which are composed of coils of light pasteboard or heavy paper B and C, cemented together and lined with tin-foil A, in combination with the wooden lid or cover F, and bottom piece H, lined with paper D and tin-foil A', the whole being held securely together by means of hoops or bands G and G', through which nails are driven, substantially as herein shown and described.

ROBERT MANSURE, JR.

Witnesses:

ISAAC TOWNSEND,
ISAAC R. OAKFORD.