

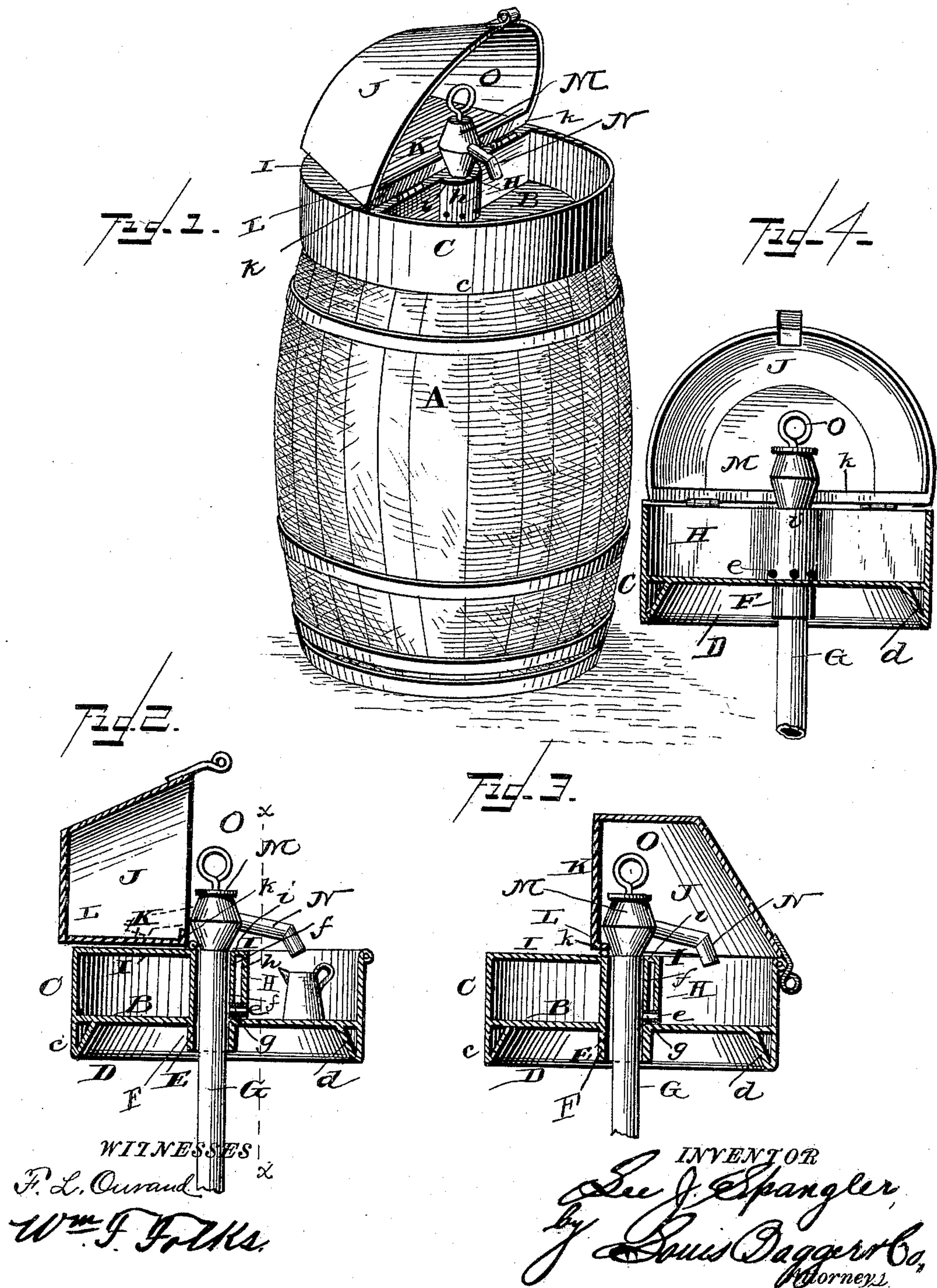
(No Model.)

L. J. SPANGLER.

COMBINED COVER AND PUMP FOR OIL BARRELS.

No. 411,358.

Patented Sept. 17, 1889.



UNITED STATES PATENT OFFICE.

LEE J. SPANGLER, OF YORK, PENNSYLVANIA.

COMBINED COVER AND PUMP FOR OIL-BARRELS.

SPECIFICATION forming part of Letters Patent No. 411,358, dated September 17, 1889.

Application filed June 7, 1889. Serial No. 313,483. (No model.)

To all whom it may concern:

Be it known that I, LEE J. SPANGLER, a citizen of the United States, and a resident of York, in the county of York and State of Pennsylvania, have invented certain new and useful Improvements in Combined Covers and Pumps for Oil-Barrels; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of the top of an oil-barrel, showing my combination pump and cover in position ready for use. Fig. 2 is a vertical sectional view through the middle of the cover, showing the hood or pump-cover thrown back in its open position. Fig. 3 is a similar view showing the hood or pump-cover in its closed position, and Fig. 4 is a transverse sectional view on line *xx* in Fig. 2.

Like letters of reference denote corresponding parts in all the figures.

This invention relates to devices for pumping oil from the original package in stores where the oil is retailed; and it consists in the detailed construction and combination of parts of the combined barrel-cover and oil-pump, which will be hereinafter more fully described and claimed.

Reference being had to the accompanying drawings, the letter A designates an oil-barrel, on the end of which is placed my improved cover and pump, a hole of suitable size having been bored through the barrel-head for the insertion of the pump-barrel. The cover and pump consists of a circular disk or plate B, having an annular rim or flange projecting upwardly and downwardly from plate B, its downwardly projecting or depending part *c* being connected to the under side of plate B by an annular rim-plate D, so as to form a bevel *d* on the under side of plate B, adapted to fit over the top of the barrel. This rim-plate D also serves to re-enforce and strengthen the joint between the horizontal plate B and its vertical flange C.

In the center of the plate B is a circular aperture E, encircled by a downwardly-projecting collar F, and of such dimensions that the

pump-barrel G may be inserted loosely through it. On one side of this aperture is a transverse plate or bridge H, the middle part of which has a bulge or projecting part *h*, covering and protecting the upward extension *f* of the central sleeve or collar F, the top of which is further braced and re-enforced by the top plate I, which connects the upper edge of the bridge H with the back part of flange C, said top plate I being provided with a forwardly-projecting lip *i*, having an opening for the insertion of the upper end of collar *f*. The lower part of the shield or bulge *h* has a series of apertures *e*, which are connected to corresponding apertures in the inner sleeve *f* by short tubes *g*, by which the drip which accumulates in the bottom of the pan formed by the disk B and its flange C is conducted into the central depending sleeve or collar and through it down into the barrel.

To the upper edge of the bridge H, where this is joined to the top plate or segment I *i*, is hinged the hood or pump-cover J, the flat back K of which, when the cover is open, rests upon the top plate I in the position illustrated in Figs. 1 and 2 of the drawings. This flat back K, which is then in a horizontal position, is provided with a rim or flange *k*, projecting at right angles parallel to the hinge, so as to form, when the cover is open, a flat and shallow pan L, adapted to receive the drip when the pump is turned in the position indicated in dotted lines—*i. e.*, with the spout overlapping the pan. By turning the pump into this position while carrying the cover from one tank or barrel to another, pan L will temporarily receive the drip which would otherwise flow through the apertures *e* and sleeve F down on the floor. After the cover has been placed in its proper position over a fresh barrel, the drip may be emptied back into the pan simply by turning the hinged hood or cover J back into its closed position.

The removable pump M may be a lifting-pump of any approved construction, and forms no part of my present invention, except in its combination with the barrel-cover, of which it forms a removable part. It should be of such size, however, that it may be inserted loosely through the central sleeve or collar F *f*, and is provided with the usual spout N and handle O.

Having thus described my invention, I claim

and desire to secure by Letters Patent of the United States—

1. The combination of the barrel-cover B, having annular flange C, beveled re-enforcing plate D and central collar F *f*, bridge H, having the shield or bulge *h*, provided with ducts leading into the central collar, fixed top plate I, having lip *i*, and hinged hood J, having flange *k*, whereby a shallow pan L is formed, substantially as and for the purpose herein shown and set forth.

2. The combination of the barrel-cover B, constructed as described and having the cen-

tral sleeve F *f*, the hinged hood J, having rim or flange *k*, adapting it to form a shallow pan L, and the removable pump, substantially as and for the purpose herein shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

LEE J. SPANGLER.

Witnesses:

E. D. ZIEGLER,

JOS. R. STRAWBRIDGE.