J. W. KELLY.

Improvement in Barrel-Pumps.

No. 129,141. Patented July 16, 1872.

Fig. 1.

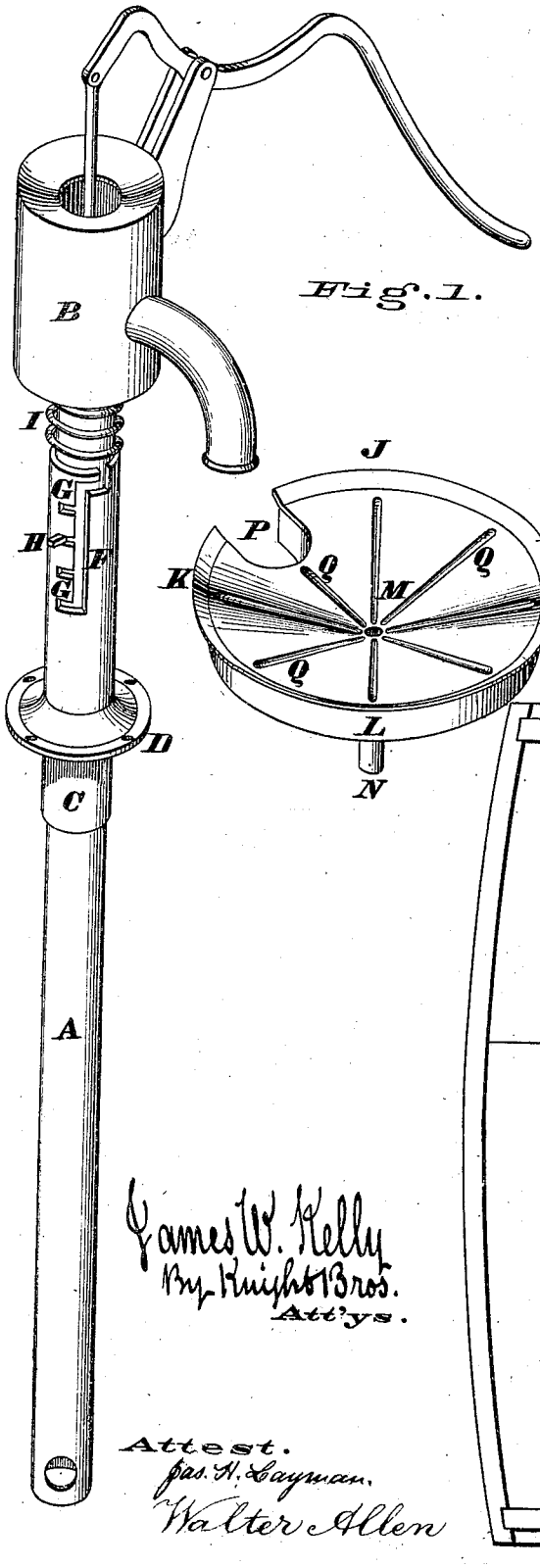
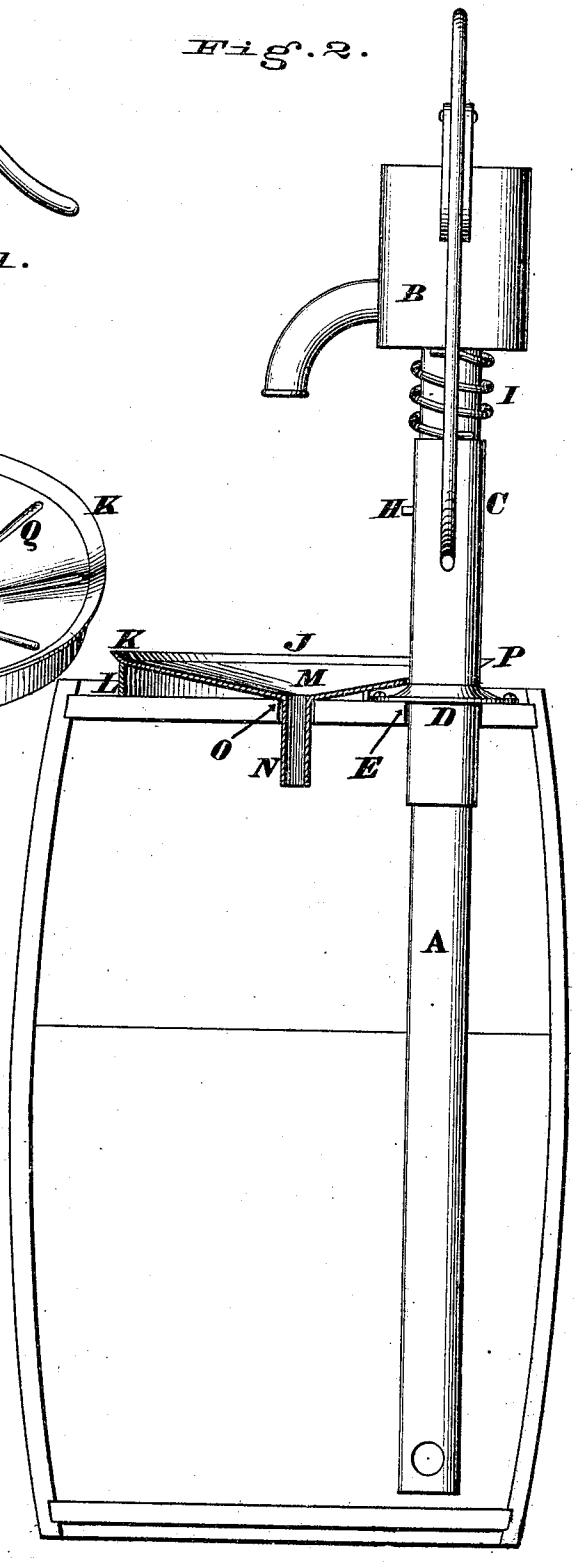


Fig. 2.



James W. Kelly
By Knight Bros.
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UNITED STATES PATENT OFFICE.

JAMES W. KELLY, OF HARTFORD CITY, WEST VIRGINIA.

IMPROVEMENT IN BARREL-PUMPS.

Specification forming part of Letters Patent No. 129,141, dated July 16, 1872.

Specification of a new and useful Pump for Drawing Liquors from Barrels, invented by me, JAMES W. KELLY, of Hartford City, Mason county, West Virginia.

Nature and Objects of the Invention.

My invention relates to a cheap and simple form of pump, whereby kerosene and other oils and liquids may be drawn direct from the cask or barrel without the use or necessity of the large can or tank customarily employed by retailers of such liquids.

General Description with Reference to the Drawing.

Figure 1 is a perspective view of a pump and drip-pan embodying my invention. Fig. 2 represents the pump in elevation and drip-pan in vertical section, both in position within a barrel, shown also in section.

A represents the barrel of any suitable pump; B, the customary enlargement at the upper portion of the same. The said barrel occupies a sleeve, C, whose flange or collar D is nailed or screwed fast to the head of the barrel, in which head is made an orifice, E, which is occupied by the said sleeve with its contained pump-barrel, as clearly shown in Fig. 2. A slot, F, extending downward from the top of the sleeve, and having a series of notches, G, receives a pin, H, that projects from the barrel A. Said pin H, being caused to enter one or other of the said notches, is thereby held fast, so as to maintain the pump, with its receiving-end, at the proper elevation above the lower head of the barrel, as shown in Fig. 2. In order to insure the retention of the pin H in the notch, I introduce a spiral spring, I, which, pressing against the top of the sleeve C and the bottom of the enlargement B, cooperates with the said pin and notch to hold the pump securely to the desired position. A drip-pan, sink, or funnel, J, is provided to hold the can or other vessel to be filled, and to conduct back into the barrel whatever liquid may be spilled or dripped outside of said vessel. This drip-pan, in its preferred form, comprises a marginal rim, K; supporting-flange L, a conical bottom, M, and a spout, N, which spout occupies an orifice, O, in the head of the barrel. This spout may be closed by a plug or cork when not in use. A cove, P, entering one side of the drip-pan, provides room for the sleeve C. The supporting-flange L is continued around the sides of this cove, as shown. In order to facilitate the descent of the liquid the pan may have radial grooves or channels Q.

My invention may be modified in non-essential particulars—for example, feet may take the place of the supporting-flange L of the drip-pan.

Claims.

I claim as new and of my invention—

1. The combination, with a portable pump, of the flanged sleeve C D, having the notched slot F G to receive a projection from the pump-barrel, and the spiral spring I, or their equivalents, for the purpose set forth.

2. The drip-pan or funnel J, constructed with rim K, support L, conical bottom M, spout N, and recess P, substantially as described.

In testimony of which invention I hereunto set my hand.

JAMES W. KELLY.

Witnesses:
GEO. H. KNIGHT,
JAMES H. LAYMAN.