

F Colligon.

Lubricator.

N^o 80,457.

Patented July 28, 1868.

Fig. 1

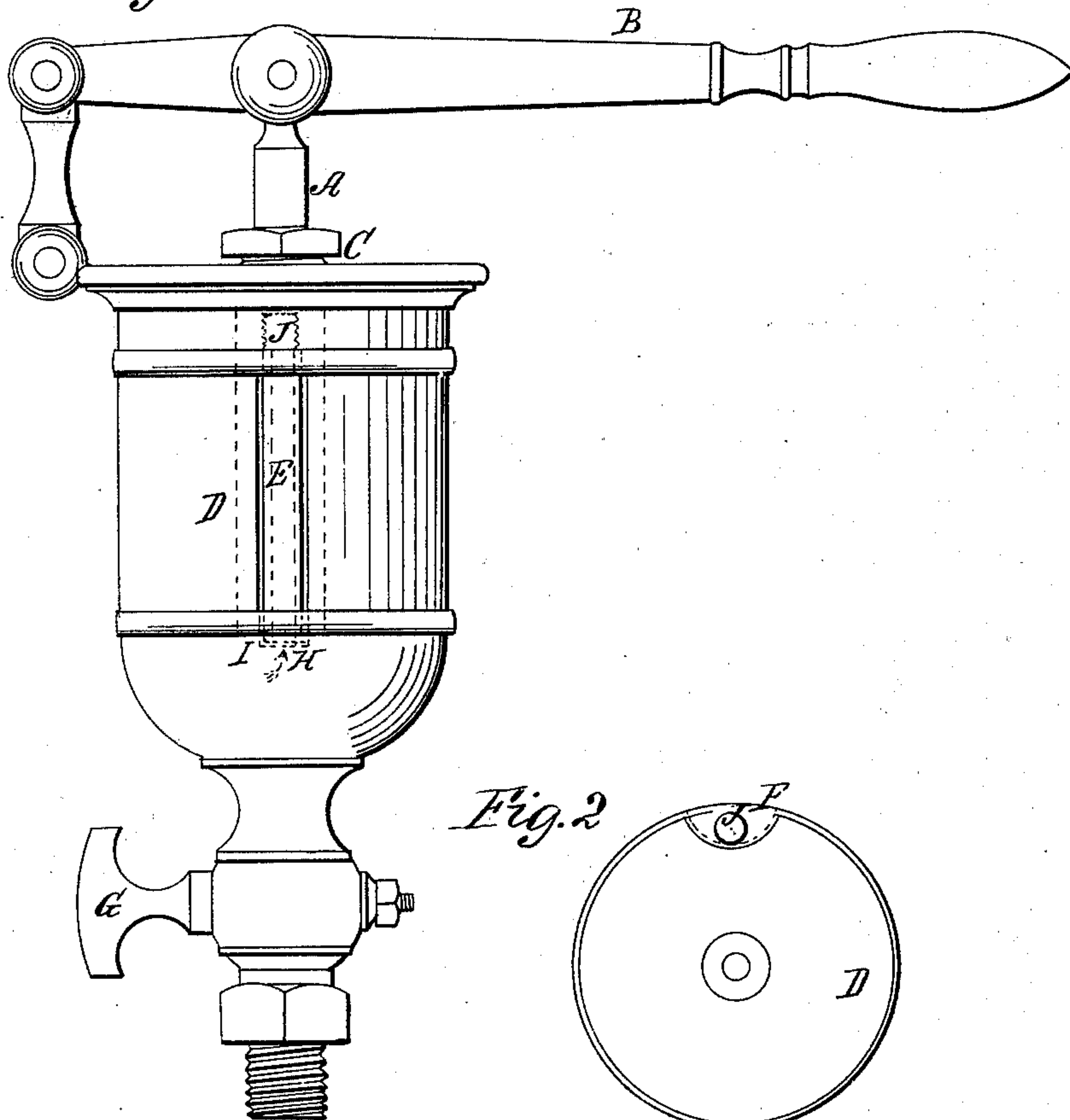


Fig. 2

Witnesses;
James S. Supter
Joseph Warrin

Inventor;
Frank Colligon

United States Patent Office.

FRANK COLLIGON, OF BUFFALO, NEW YORK.

Letters Patent No. 80,457, dated July 28, 1868.

IMPROVED LUBRICATING-DEVICE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, FRANK COLLIGON, of Buffalo, in the county of Erie, in the State of New York, have invented a new and useful Improvement in Lubricating-Cups; and I do hereby declare that the following description thereof is sufficiently clear and exact to enable others skilled in the art to which it appertains, or to which it is most nearly connected, to make, construct, and use the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side elevation.

Figure 2, a plan view, showing the cup with the top off.

The nature of my invention consists in the combination of a transparent indicator with the lubricating or oil-cup, the same being so arranged that the oil may be seen through it, so that the level of the same may at all times be known without the necessity of taking off the oil-cup cover.

In the drawings, like letters in each of the figures represent like parts.

A and B represent the pump and the handle for operating it.

C, the stuffing-box for the same.

G represents a stop-cock for shutting off the pressure when it is necessary to clean or otherwise repair the pump or oil-cup.

D represents the oil-cup; E, the transparent indicator. It consists of a glass tube, which fits into a groove or recess in the side of the oil-cup. The said groove is represented by the dotted lines in fig. 2, marked F. The only communication with the inside of the oil-cup and the groove F is through a small hole in the bottom of said groove, as shown at H, in fig. 1. There is also an opening at the top of said groove, through which the glass tube E is passed down into place.

I represents a ring or washer, of lead or other equivalent material, for packing the joint at the bottom of the tube E, and rendering it tight, so as to prevent the leakage of oil through the joint, and at the same time leave an opening for it to rise up through the opening in the bottom of said tube. The tube E is kept down firmly in place by means of the screw J, shown in figs. 1 and 2.

Of course it will be readily seen that as the oil is raised or lowered in the lubricating-cup, so will its level rise or fall in the glass tube E, and its position be shown.

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

The combination of the transparent indicator E with the lubricating-cup D, substantially as and for the purposes described.

FRANK COLLIGON.

Witnesses:

JAMES SANGSTER,

JOSEPH MANIN.