

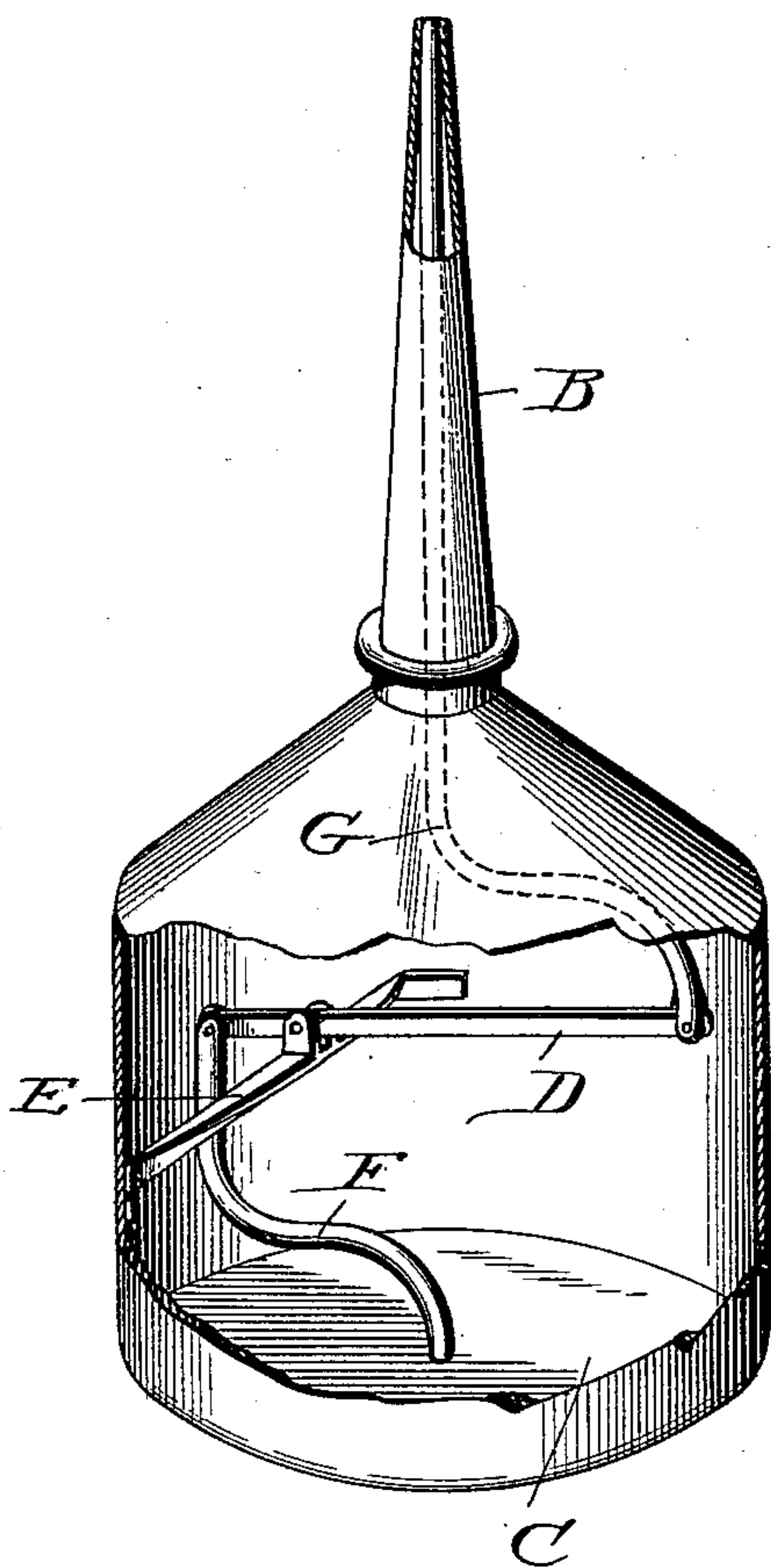
(No Model.)

F. J. MAROLF.
OIL CAN.

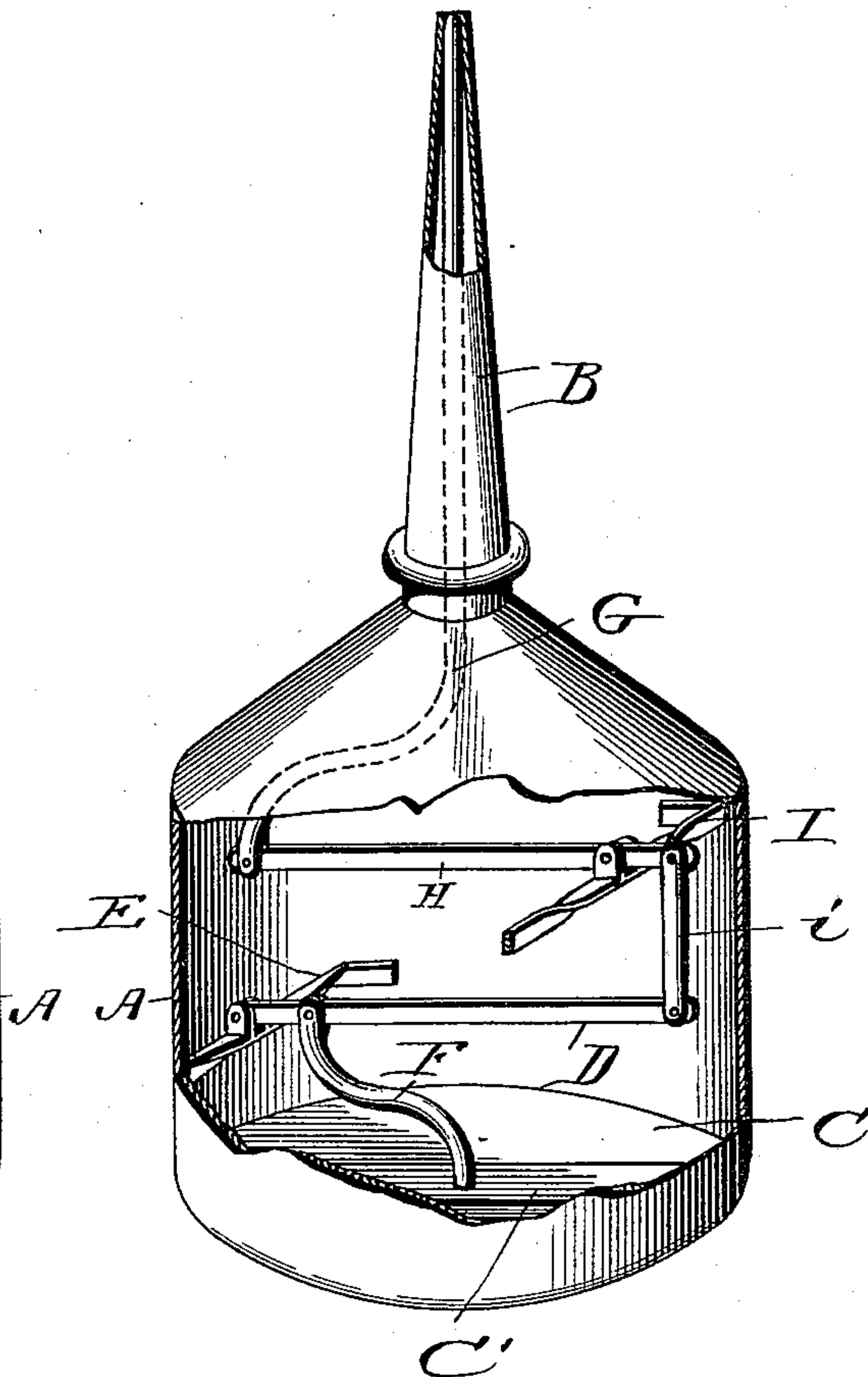
No. 538,174.

Patented Apr. 23, 1895.

Fig. 1.



SECRET



Witnesses
" *Spencer* *Heiden*.
Van Buren Hillyard.

Inventor
Fredrick John Marolt
 By Attorneys *Robt. A. Lacey*

UNITED STATES PATENT OFFICE.

FREDRICK JOHN MAROLF, OF ROCK RAPIDS, IOWA.

OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 538,174, dated April 23, 1895.

Application filed December 8, 1892. Serial No. 454,512. (No model.)

To all whom it may concern:

Be it known that I, FREDRICK JOHN MAROLF, a citizen of the United States, residing at Rock Rapids, in the county of Lyon, State of Iowa, have invented certain new and useful Improvements in Oil-Cans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to oil cans in which the spout is provided with a plunger by means of which clogging is prevented and the spout kept opened thereby insuring a free supply of oil at all times.

The object of the invention is to utilize the spring bottom of the can as a means for operating the plunger and interposing between said spring bottom and the plunger a lever or system of levers whereby said plunger will have a movement of large amplitude from a slight movement of the spring bottom, thereby insuring the spout being kept clear of obstruction.

The improvement consists of the novel features and the peculiar construction and combination of the parts which will be hereinafter more fully described and claimed and which are shown in the annexed drawings, in which—

Figure 1 is a perspective view of an oil can embodying my invention, parts being broken away to show the lever and the connections between said lever and the plunger and bottom of the oil can. Fig. 2 is a view similar to Fig. 1 showing a modification which consists of a series of levers and connections between said levers and spring bottom and plunger.

The oil can A having the spout B and the spring bottom C may be of any desired construction. The lever D extending parallel with the bottom C, is supported near one end on a cross bar E which is secured at its ends to the sides of the oil can. The short arm of lever D is connected with the spring bottom C by a rod F and the long arm is connected directly with the plunger G. In order that the rod F may have connection with the spring bottom C at a central point where the amplitude of vibration or movement is greater the said rod is curved between its ends sub-

stantially as shown. The inner end of the plunger G is similarly curved to the rod F to connect with the longer arm of the lever D as shown. By reason of the spring bottom having connection with the short arm of the lever D and the plunger having connection with the longer arm a very slight movement of the spring bottom will produce an appreciable movement of the plunger sufficient to keep the mouth piece open and free from obstruction.

In some cases it may be advantageous to reinforce the spring bottom C and have the rod F attached directly to said reinforcement. Fig. 2 shows a construction in which a spring C' is provided and lies close against the spring bottom C, the rod F being attached directly to said spring C'. For all practical purposes the spring C' and the spring bottom C will be considered as a single element and will be comprised in the term spring bottom.

In Fig. 2 a second lever H parallel with the lever D is provided and mounted on a cross bar I which is attached at its end to the sides of the oil can. The short arm of the lever H is connected with the long arm of lever D by the rod J and the plunger G is connected to the longer arm of said lever H. By this construction the plunger G receives a greater movement than from the construction shown in Fig. 1, the spring bottom receiving a like motion in each case.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In an oil can having a spring bottom, the combination of the levers H and D parallel with each other and with the said bottom, and mounted near one end, a rod connecting the short arm of lever H with the long arm of lever D, a rod connecting the short arm of lever D with the central portion of the spring bottom, and a plunger having connection with the long arm of the lever H, substantially as shown for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

FREDRICK JOHN MAROLF.

Witnesses:

J. K. P. THOMPSON,
BARKER PARKER.