

**No. 698,265.**

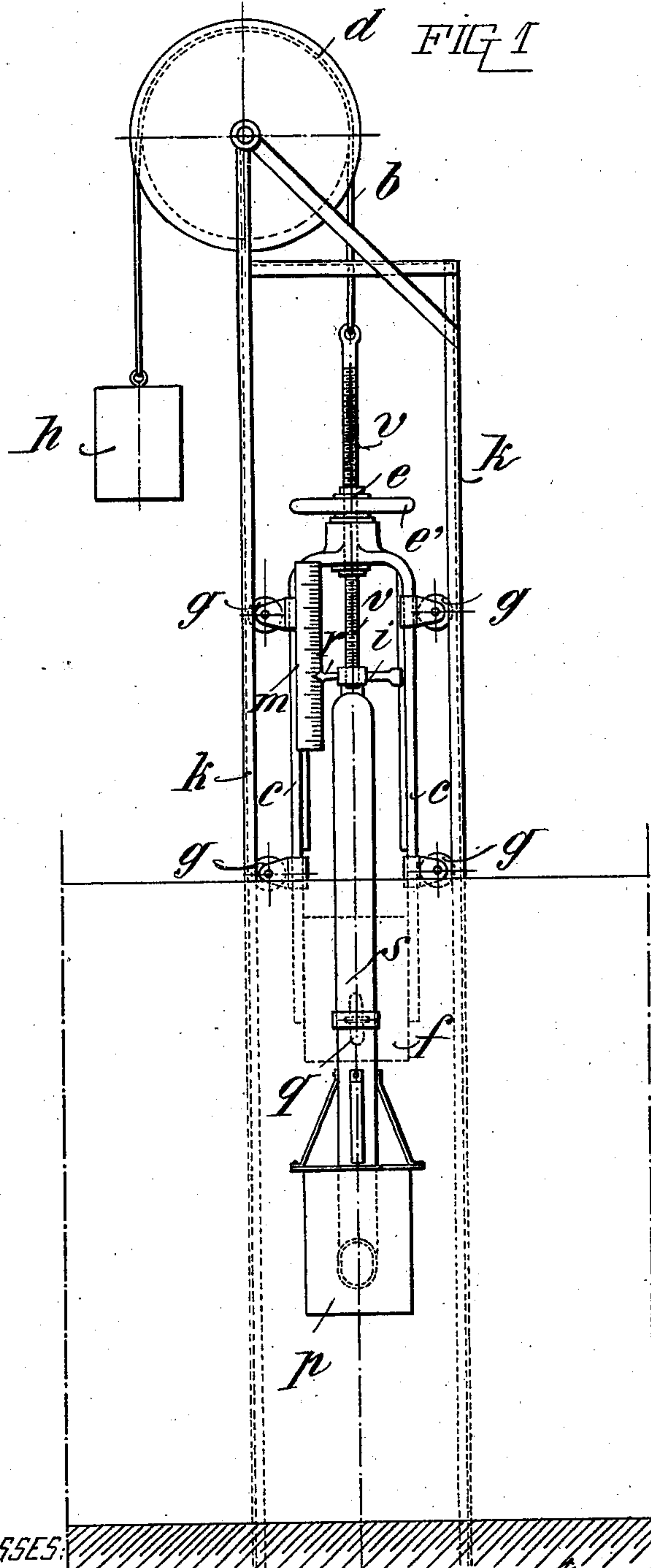
**Patented Apr. 22, 1902.**

**C. E. L. DIDELON.**  
**DEVICE FOR SUPPLYING LIQUIDS.**

(Application filed Feb. 26, 1902.)

(No Model.)

**2 Sheets—Sheet 1.**



**WITNESSES:**

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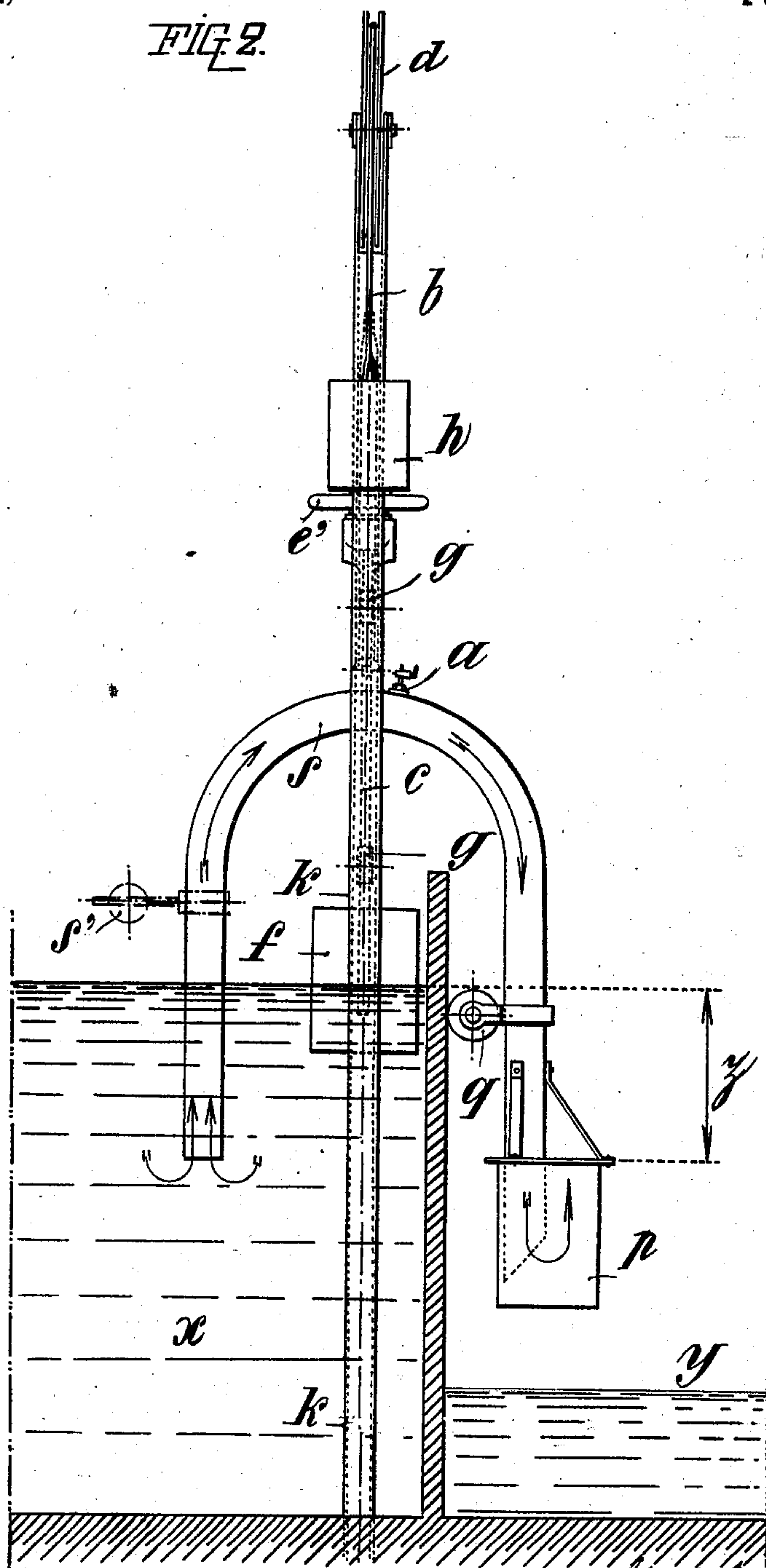
C. E. L. DIDELON.  
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2 Sheets—Sheet 2.

FIG. 2.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

CHARLES EDOUARD LOUIS DIDELON, OF PARIS, FRANCE.

## DEVICE FOR SUPPLYING LIQUIDS.

SPECIFICATION forming part of Letters Patent No. 698,265, dated April 22, 1902.

Application filed February 26, 1902. Serial No. 95,809. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES EDOUARD LOUIS DIDELON, engineer, a citizen of the Republic of France, and a resident of Paris, in the Republic of France, have invented a new and useful Improvement Relating to Devices for Supplying Liquids, which is fully set forth in the following specification.

This invention relates to a novel automatic supply-regulator for liquids at a variable level.

The device is illustrated by way of example in the accompanying drawings.

Figure 1 is a front elevation of the apparatus, and Fig. 2 is a side elevation of the same.

The apparatus consists, essentially, of a siphon *s*, provided with a basket *p* and suspended from a screw which passes through a nut *e*. To this nut *e* is attached a frame *c*, to the lower part of which is fixed a float *f*. The whole is suspended from a cable *b*, passing over a pulley *d*. At the other extremity of this cable is attached a counterweight *h*, which partially balances the weight of the siphon, of the float, and of the frame. The pulley *d* is supported in a framework *k*, which also serves to guide the frame *c* by means of four rollers *g* and a slideway *i*. The framework carries a graduated scale *m*, over which is displaced an index *r*, fixed to the screw *v*. This scale indicates the supply corresponding to the various positions of the siphon with respect to the float. A roller *q* serves to guide the siphon *s* against a partition, so as to maintain the two legs vertical. The same result may be attained with a movable counter-

weight *s'*. A cock *a*, placed at the highest part of the siphon, permits of discharging the air in order to charge the siphon.

If it is desired to vary the supply, it is only necessary, as is apparent, to raise or lower the siphon, because the supply depends upon the height *z*. With this object the nut *e* is provided with a hand-wheel *e'*, which is acted upon so as to either raise or lower the screw *v* and with it the siphon. The graduated scale *m* permits of regulating the position of the apparatus, so that it furnishes a predetermined supply.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

An automatic supply-regulator for liquids at a variable level, characterized by a siphon fixed at the lower extremity of a screw, the upper extremity of which is attached to a cable passing over a pulley to the other end of which is fixed a counterweight partially balancing the weight of the siphon; the screw supporting the siphon being displaced by means of a nut and hand-wheel, a graduated scale over which passes an index fixed to the screw, indicating for each position of the siphon the volume of the corresponding supply, as above specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES EDOUARD LOUIS DIDELON.

Witnesses:

EMILE LEOBUT,

EDWARD P. MACLEAN.