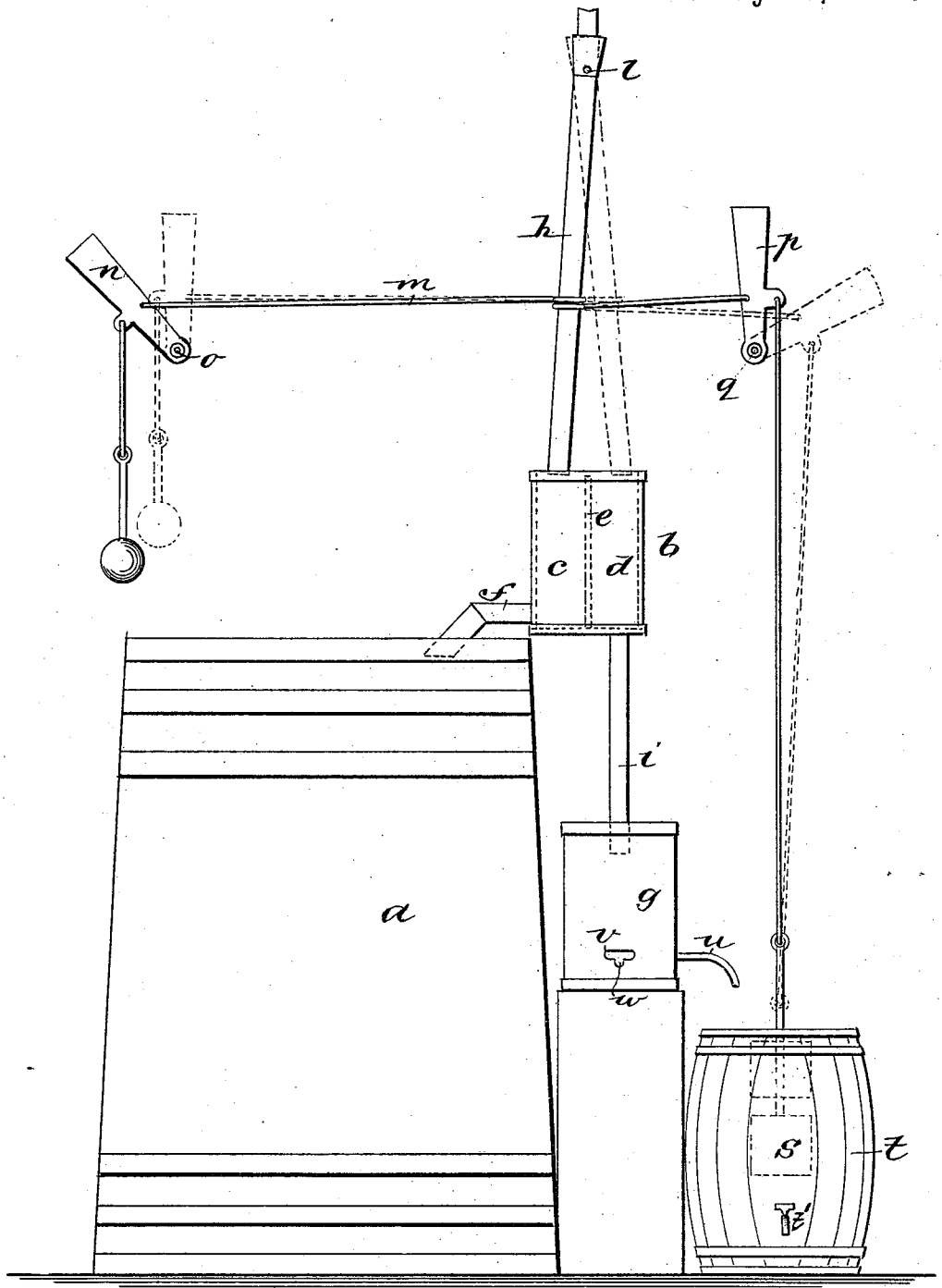
(No Model.)

# E. T. TOOMER.

## RAIN WATER TRAP.

No. 298,520. Patented May 13, 1884.




WITNESSES:

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# UNITED STATES PATENT OFFICE.

EDWARD T. TOOMER, OF MOBILE, ALABAMA.

## RAIN-WATER TRAP.

SPECIFICATION forming part of Letters Patent No. 298,520, dated May 13, 1884.

Application filed December 19, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD T. TOOMER, of Mobile, in the county of Mobile and State of Alabama, have invented a new and Improved Rain-Water Trap, of which the following is a full, clear, and exact description.

This invention relates to improvements in rain-water cut-offs or traps; and it consists of the combination of parts and their construction, substantially as hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming part of this specification, in which the figure is a side elevation of my improved trap device applied to a cistern.

At the top of the cistern *a*, or in any suitable location, I arrange a small receiving-tank, *b*, which is separated into two chambers, *c d*, by a partition, *e*, one of which has a spout, *f*, discharging into the cistern *a*, and the other has a pipe, *i*, discharging into the bucket *g*, and over the tank *b* a section, *h*, of the conductor-pipe is hung on a pivot, *l*, and connected to a shifting-cord, *m*, by which said conductor *h* is to be shifted from side to side over tank *b*, according as the water is to be discharged into one or the other of the chambers *c d*, said cord extending in opposite directions from the pipe and connecting on one side with the weighted lever *n*, pivoted at *o*, and on the other side with the lever *p*, pivoted at *q*, and having a float, *s*, suspended from it in a tank, *t*, standing under a spout, *u*, which discharges from bucket *g* into said tank, to raise the float and allow the weighted lever *n* to pull the conductor *h* over from chamber *d* to discharge into chamber *c*, and thence into the cistern, when the roof has been washed clean by the water escaping through bucket *g* at the waste-passage *v*, where most of the water passes away, while some discharges through spout *u* into tank *t*, to raise the float slowly, so as not to allow the spout *h* to shift too soon.

To prevent the spout *h* from shifting when the rain-fall is not sufficiently heavy to wash the dirt from the roof, but is so continuous that it would raise the float and shift the pipe, I make a notch, *w*, in the bucket *g*, at the lower side of the notch *v*, and lower than spout *u*, so that all the water will escape in such case and none will flow into the float-tank when the volume of water is too small to wash the roof clean. After the rain is over, the water is to be allowed to escape from tank *t*, to permit the float to descend and pull the pipe back over the waste-chamber *d* of the tank *b*, ready for the next rain-fall. For this purpose said tank *t* is provided with a waste-cock, *t'*, to be opened by hand.

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

In a rain-water cut-off or trap, the combination of conductor or pipe *h*, two compartment chamber *b*, pipe *i*, and bucket *g*, having the spout *u*, waste-passage *v*, and notch *w* in the lower edge of the waste-passage *v*, substantially as and for the purpose set forth.

EDWARD T. TOOMER.

Witnesses:

M. G. HUDSON,

H. A. SCHROEDER.