

(No Model.)

L. B. SANBORN.

WATER FILTER.

No. 265,283.

Patented Oct. 3, 1882.

Fig. 1

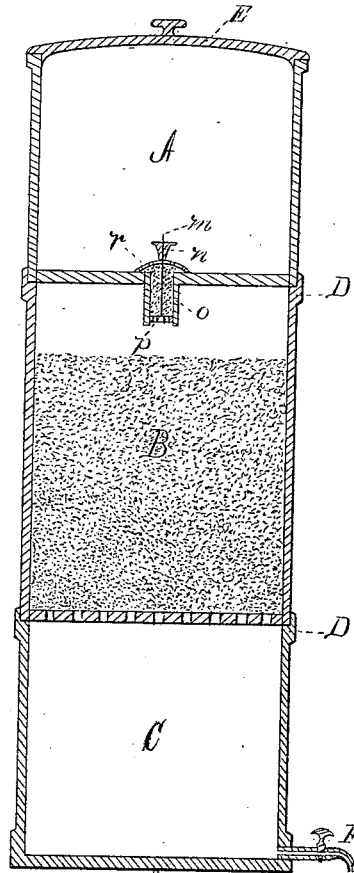
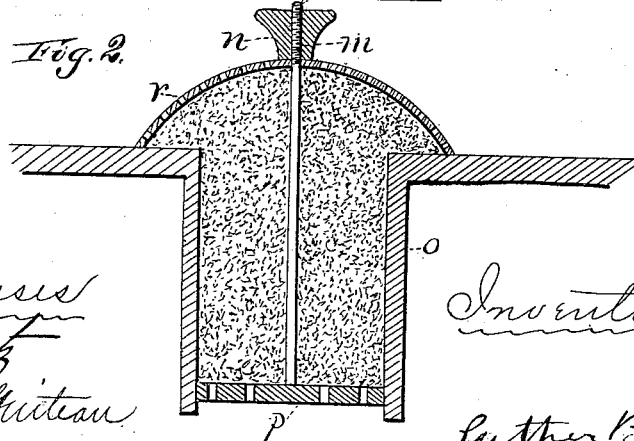


Fig. 2.



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LUTHER B. SANBORN, OF FREEPORT, ILLINOIS.

WATER-FILTER.

SPECIFICATION forming part of Letters Patent No. 265,283, dated October 3, 1882.

Application filed November 5, 1881. (No model.)

To all whom it may concern:

Be it known that I, LUTHER B. SANBORN, a citizen of the United States, residing at Freeport, in the county of Stephenson and State of Illinois, have invented a new and useful Improvement in Water-Filters, of which the following is a specification.

My invention is an improved water-filter for household use; and it consists of three glazed earthenware crocks or jars, (represented in the drawings hereto attached by A, B, and C,) and formed with suitable annular flanges and shoulders, D D, by means of which the lower end of crock A is held in place within the mouth of crock B, and lower end of crock B in mouth of crock C. The jar A, into which water to be filtered is poured, has a cover, E, and is made with a bottom closed except at the center, where a neck or funnel, *o*, of suitable size for the passage of the water is left open. This neck or funnel is filled with sponge, above which is placed a perforated or skeleton cap, *r*, and below it a perforated or skeleton disk, *p*, of the same size as the diameter of the funnel. The cap *r* and disk *p* are connected by a bolt, *m*, threaded at its upper end, and provided with a suitable nut, *n*, by means of which the sponge may be compressed at will and the flow of water regulated. The second jar, B, is filled with a mixture of charcoal and sand, or other suitable filtering preparation, and the lower jar, C, receives the water after filtering, and is provided with a faucet for its

removal. The three jars can be readily taken apart for the purpose of cleaning them or renewing the filtering-mixture, or for convenience in shipping, and are set up for use simply by placing one upon the other, as shown in drawings. The lower jar, C, is somewhat larger than the jar A, in order to guard against overflow. The second jar, B, has a perforated bottom to permit the passage of the water from it into the jar C. The regulator, consisting of the cap *r*, the sponge, the disk *p*, and the bolt *m* and nut *n*, is readily removable, no part of it being fastened to either of the jars.

In the drawings above referred to, Figure 1 is a vertical section of the water-filter described in the application; and Fig. 2 is a vertical section, on a larger scale, of the regulating device thereof.

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

In a water-filter, the combination of the glazed earthenware jars A, B, and C, the faucet F, a filling of charcoal and sand or other filtering material for the jar B, and the regulator composed of tube *o*, the sponge-packing for same, the perforated cap *r*, the perforated disk *p*, the bolt *m*, and nut *n*, substantially as shown.

LUTHER B. SANBORN.

Witnesses:

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