S. H. WHITLEY.

Funnels.

No. 152,889. Patented July 7, 1874.

Fig. 1.

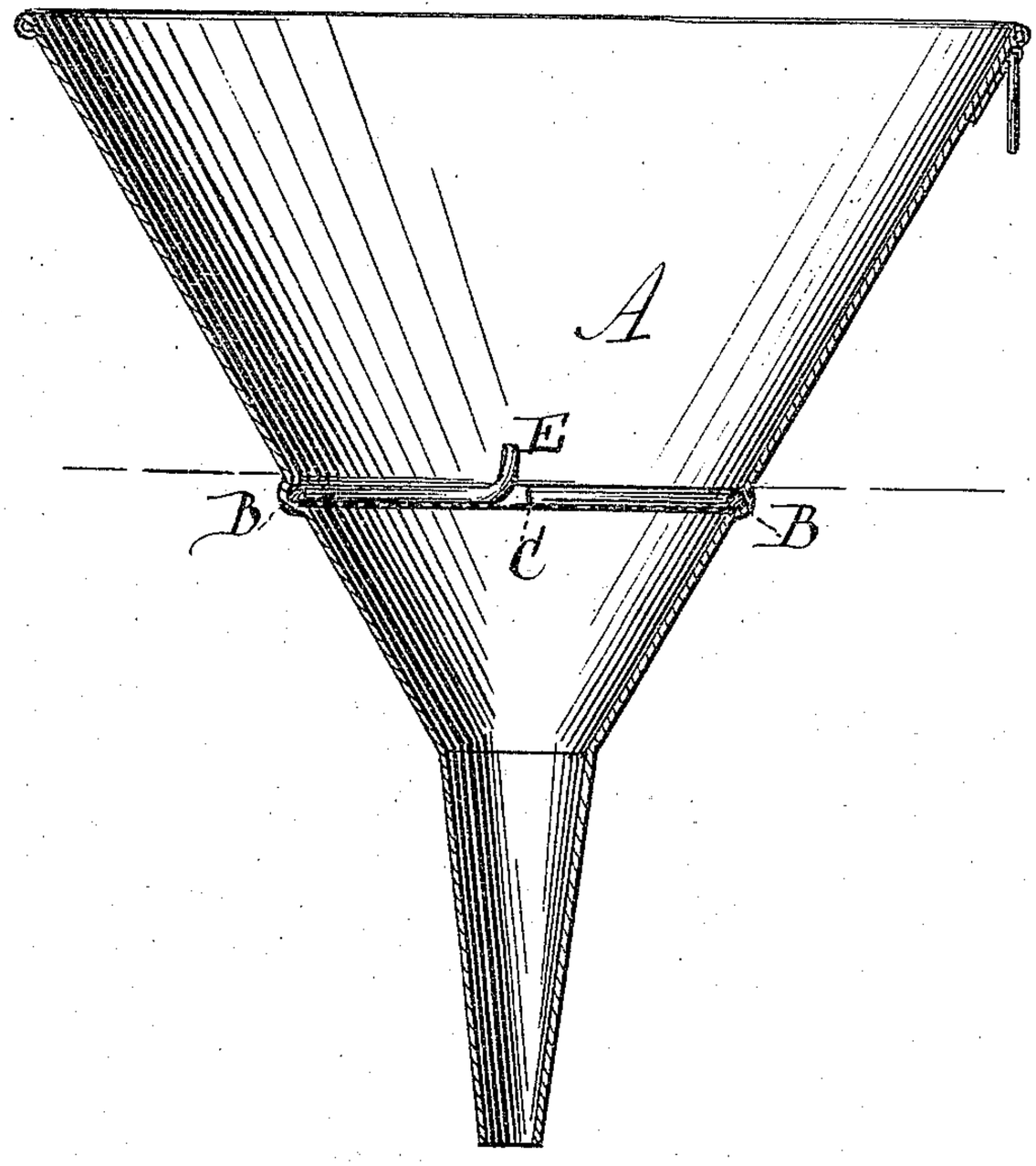


Fig. 2.

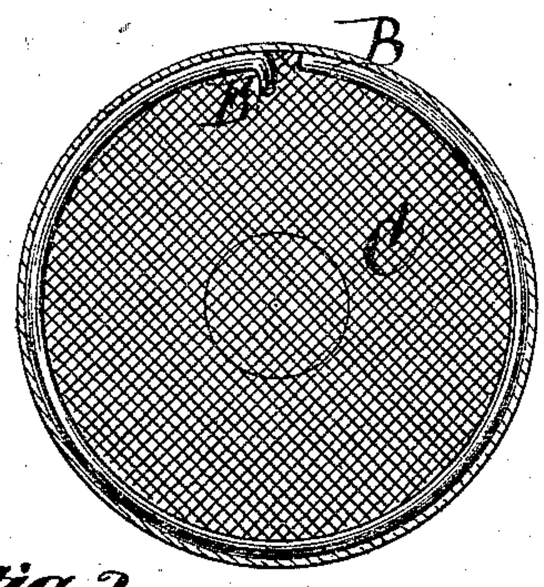
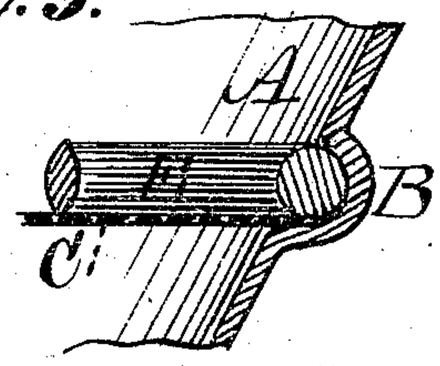


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

SAMUEL H. WHITLEY, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN FUNNELS.

Specification forming part of Letters Patent No. **152,889**, dated July 7, 1874; application filed June 22, 1874.

To all whom it may concern:

Be it known that I, SAMUEL H. WHITLEY, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in Funnels, of which the following is a specification:

This invention relates to a mode of applying a strainer to a funnel; and consists in a groove formed around the interior of the funnel for the reception of a strainer, and the combination therewith of an annular spring fitting in the groove above the strainer, whereby the strainer is held securely in place, and may be readily removed for cleaning, or for the substitution of a coarser or finer one.

In the accompanying drawing, Figure 1 is a central vertical section. Fig. 2 is a horizontal section. Fig. 3 is a detail view.

The funnel A is of any ordinary form and construction. On the interior of the funnel, in a suitable position between the upper edge and the spout, is a groove, B, running entirely around the inner surface. This groove receives the edge of the strainer C, which is made of wire-gauze or perforated sheet metal, and rests upon the bottom of the groove B. An annular spring, E, rests upon the top of the strainer C, fitting in the groove B, and holding the strainer securely in place. The spring E is divided at one point in its circumference, so that it may be readily sprung into place, and removed when necessary in order to clean the funnel or strainer, or substitute one strainer for another.

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

The groove B formed around the interior of the funnel, in combination with the strainer C and spring E, substantially as and for the purpose shown and described.

SAMUEL H. WHITLEY.

Witnesses:

MICHAEL RYAN,

VERNON H. HARRIS.