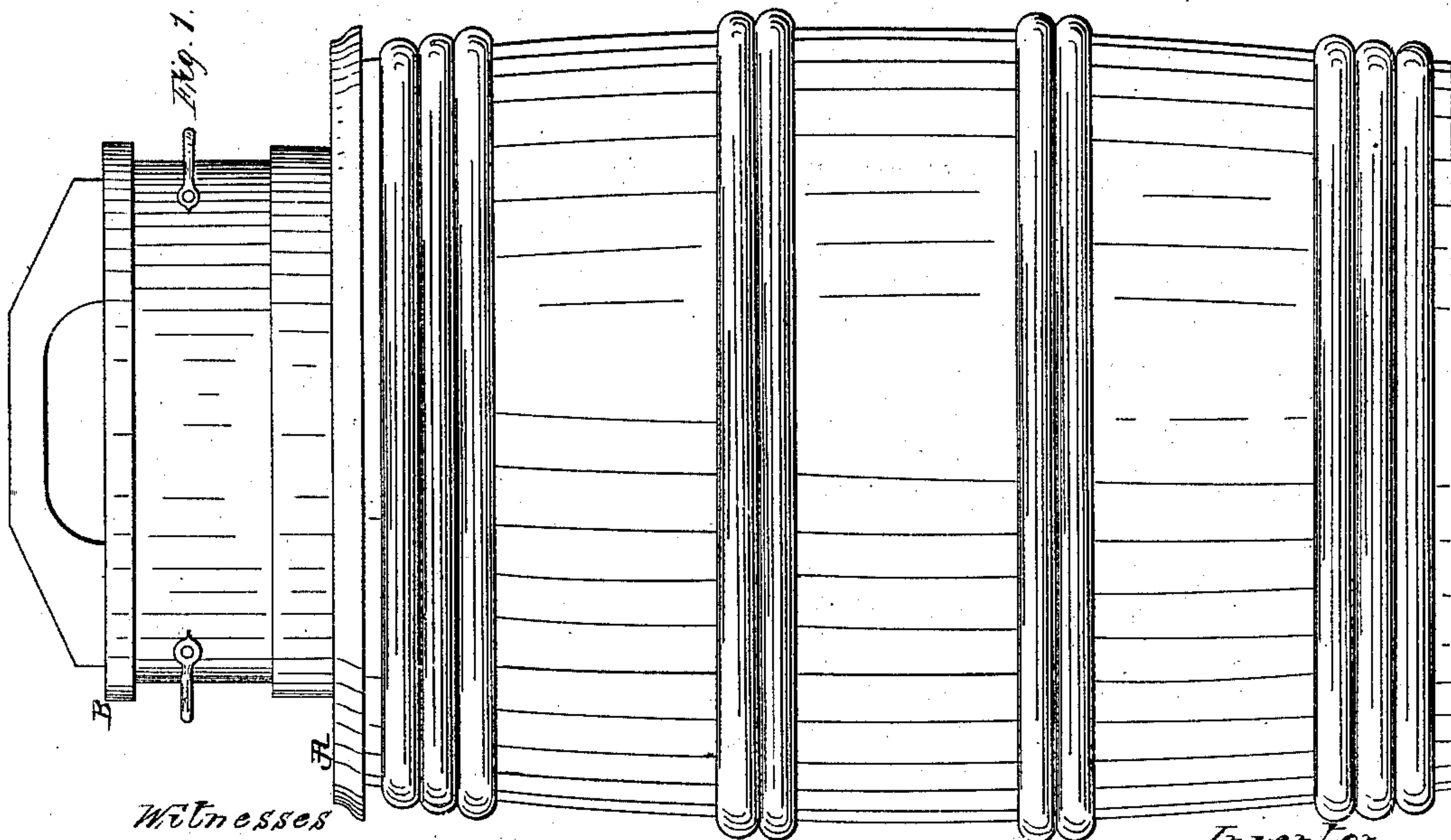
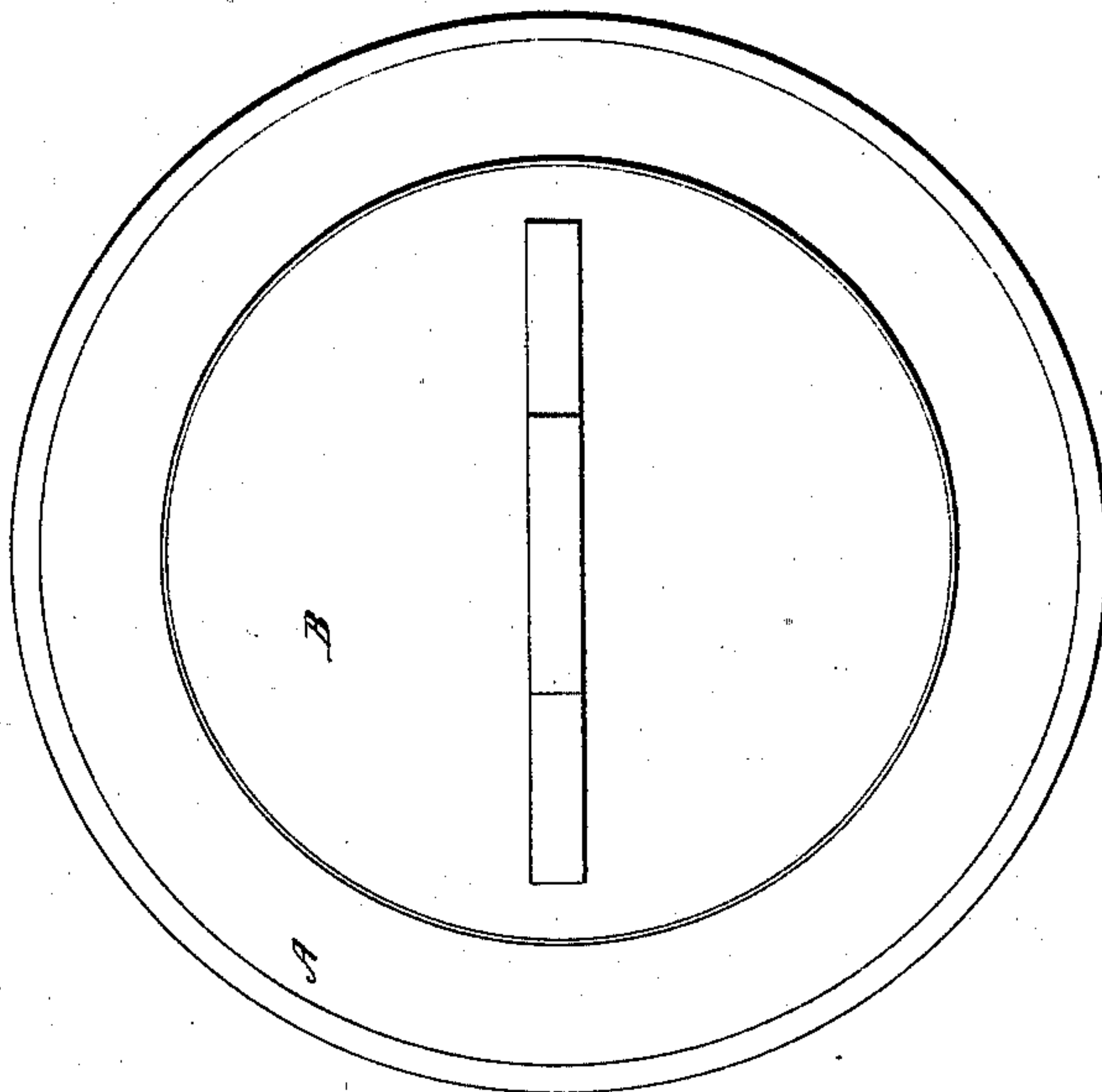
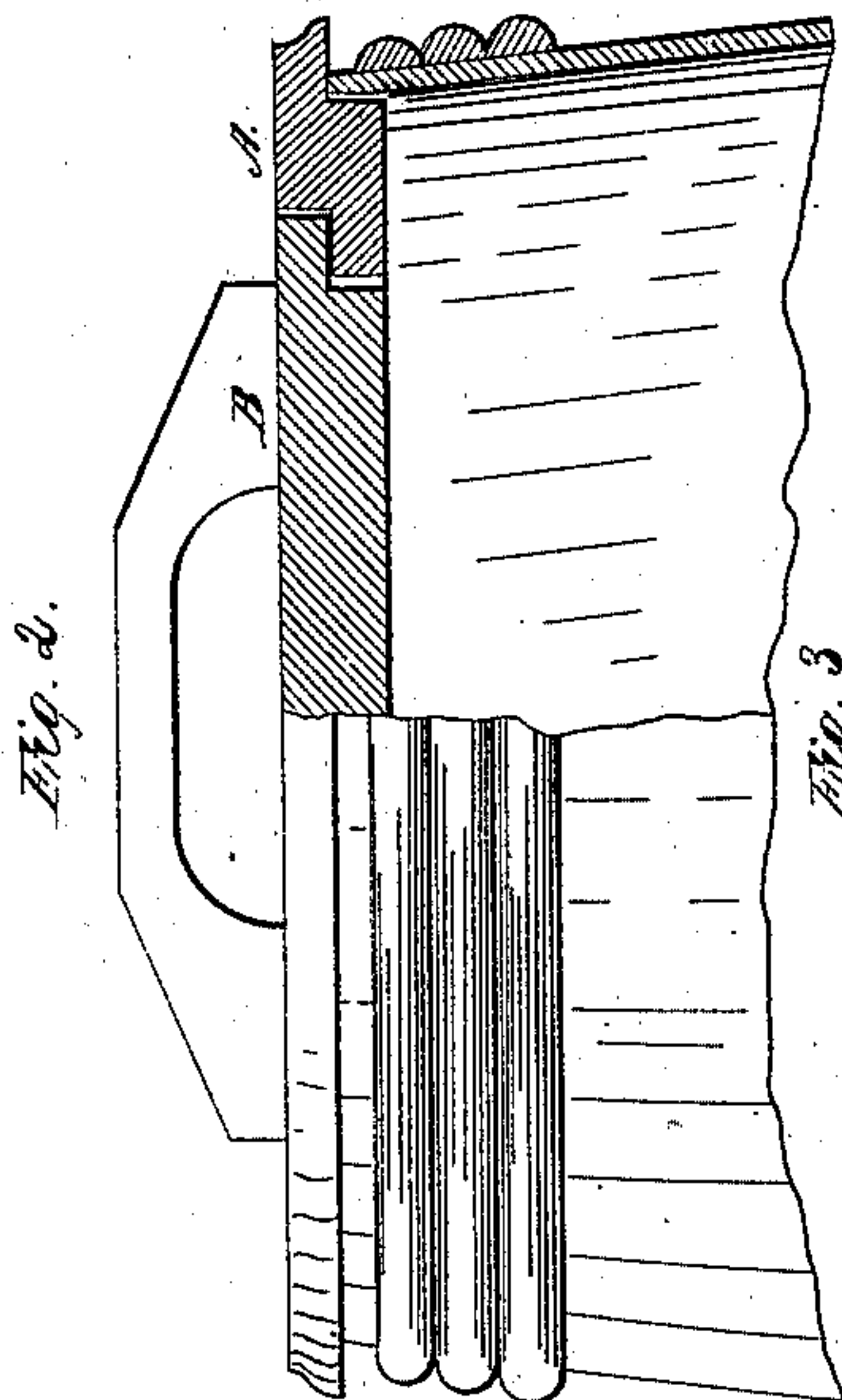


L. D. Bartlett,

Coal Screen.

No 21,405.

Patented Sep. 7, 1858.



Witnesses

Wm. C. Hibbard
Henry A. Pieler

Inventor

Louis D. Bartlett

UNITED STATES PATENT OFFICE.

LOUIS D. BARTLETT, OF BOSTON, MASSACHUSETTS.

COAL OR ASH SIFTER.

Specification of Letters Patent No. 21,405, dated September 7, 1858.

To all whom it may concern:

Be it known that I, L. D. BARTLETT, of Boston, in the county of Suffolk and State of Massachusetts, have invented new and
5 useful Improvements in Sifters for Sifting Coal-Cinders and other Similar Substances; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making part of this specification, in
10 which—

Figure 1 represents in elevation, the parts as used in connection with each other in sifting. Fig. 2, represents the parts without the
15 sieve, half in section. Fig. 3, a plan of the same.

The object of my invention, is to construct the covers of vessels used as receptacles for ashes, so that, when sifting cinders in a common circular coal sieve, of the kind and size usually sold, it can be used in such a manner, as will prevent the escape of dust, and allow the ashes to pass at once into the
20 vessel without further handling.

As barrels are extensively used to deposit

ashes in, I will describe my invention as applicable to that vessel, and constructed of wood, though without limiting myself in those particulars.

An annular ring A, formed with a rabbet
30 around its inner circumference, with a cover B, fitting to it, together, complete a cover to the barrel; the sieve is used by removing the cover from the ring, and inserting the sieve
35 in its place; the cover then being used as a cover to the sieve. By rotating the sieve back and forth, the cinders are agitated, until the ashes are separated from the coal.

I do not claim using a circular sieve on
40 top, and fitting into the vessel, to be rotated back and forth, for that is old, and well known; but

I claim—

Using the annular ring, and the cover, in
45 combination with the sieve, substantially as described.

Boston Dec^r. 10th 1856.

LOUIS DEBLOIS BARTLETT.

Witnesses:

Mrs. C HIBBARD,
HENRY A. PEELER.