E. OLIVER.
Sieve.

No. 208,261. Patented Sept. 24, 1878.

Fig. 1.

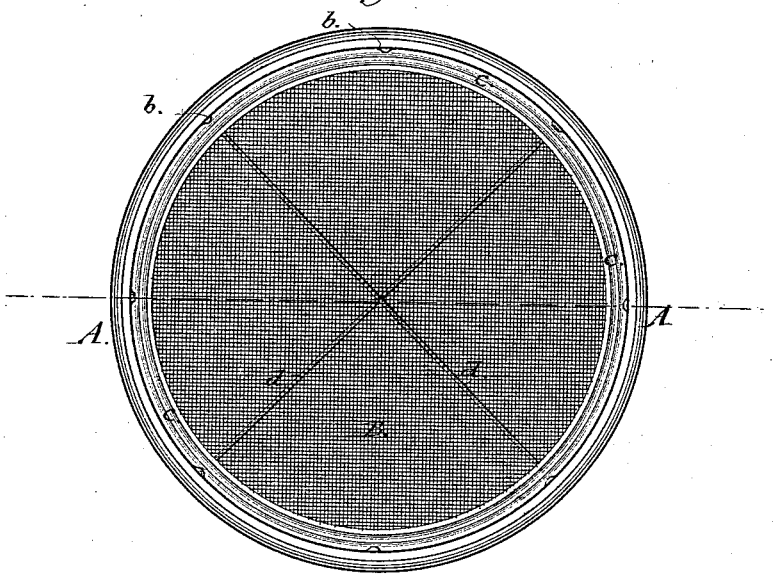
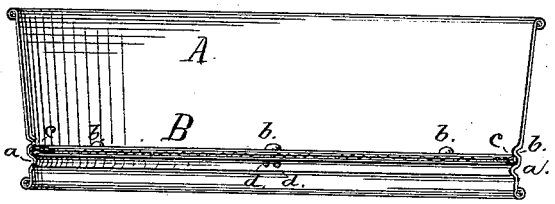


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

EBINEZER OLIVER, OF NEW YORK, N. Y.

IMPROVEMENT IN SIEVES.

Specification forming part of Letters Patent No. **208,261**, dated September 24, 1878; application filed August 10, 1878.

To all whom it may concern:

Be it known that I, EBINEZER OLIVER, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Sieves; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention is an improvement in sieves for household use.

It consists of a metal band provided with an annular groove formed from the outside to serve as a support to adjustable sieve-disks, and having indentations formed also from the outside of said band, forming studs to prevent said sieves from springing up when in position.

In my drawings, Figure 1 is a plan view, showing my invention. Fig. 2 is a vertical section of same.

Similar reference-letters indicate like parts in all of the figures.

Referring to drawings, A is the rim or band of sieve, provided with annular groove *a* and indentations *b*. B is the sieve, provided with rim or edging *c*, formed in two or more parts, clamped on either side of the wire-cloth, to give strength to it and prevent unraveling. I provide cross-wires *d*, at right angles to each other under the sieve, as supports to the cloth when the sieve is in use.

In placing the sieve-disk in its place, the rim is forced within the band A until it rests on the studs formed by indentations, when, by a quick pressure of the fingers on the rim of the sieve-disk, the band will be caused to yield and allow the sieve-disk to pass beyond the indented studs, and rest upon the bead formed by the annular groove *a*.

The studs *b* will effectually prevent an upward movement of the sieve-disk, unless from an absolute pressure or force from the under side.

I am aware that sieves are in the market with adjustable sieve-disks which are let into a groove formed from the inside of a cylindrical band; but these are objectionable, in that they are liable to be forced, in the act of sifting, out of their groove, which cannot be the case with mine, as by grooving from the outside I form a positive rest to the sieve-disk, beyond which it cannot be forced, except by permanent distortion.

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

1. In a sieve for adjustable sieve-disks, the conical band A, provided with groove *a* and indented studs *b*, as and for the purpose set forth.

2. The band A, provided with groove *a* and studs *b*, in combination with sieve-disk provided with grooved edging *c*, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

EBINEZER OLIVER.

Witnesses:

W. S. LEVENS,

N. H. OLIVER.