

L. E. AMBROSE.
Sieve.

No. 210,481.

Patented Dec. 3, 1878.

Fig. 1.

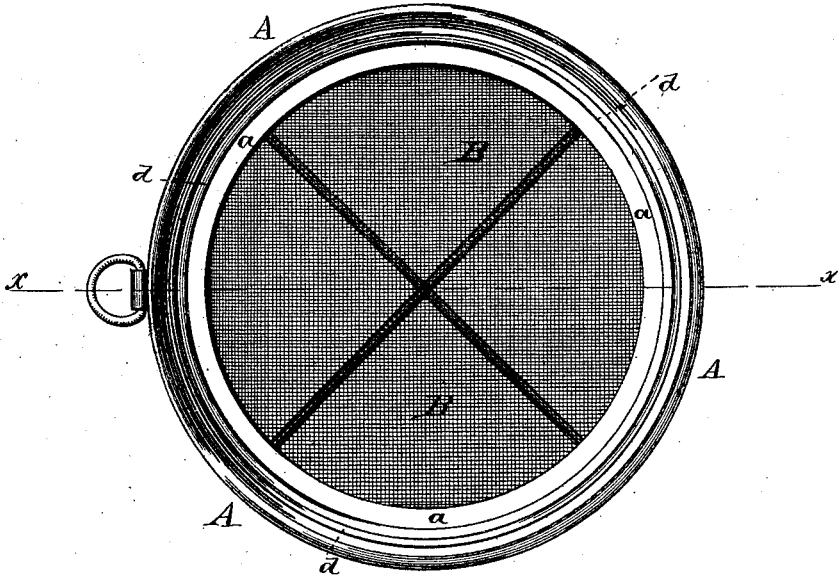


Fig. 2.

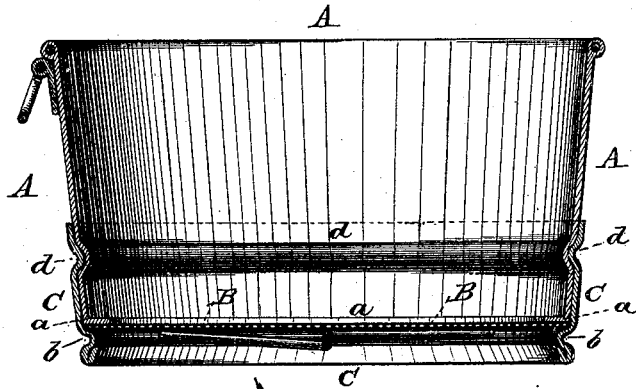
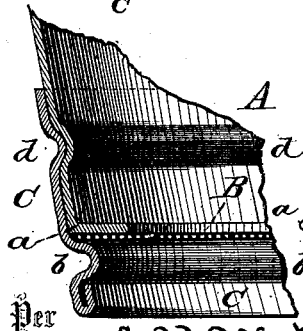


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

LYCURGUS E. AMBROSE, OF MASON CITY, ILLINOIS.

IMPROVEMENT IN SIEVES.

Specification forming part of Letters Patent No. **210,481**, dated December 3, 1878; application filed August 23, 1878.

To all whom it may concern:

Be it known that I, LYCURGUS E. AMBROSE, of Mason City, in the county of Mason and State of Illinois, 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 the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a flour and meal sieve, as will be hereinafter more fully set forth.

In the annexed drawing, to which reference is made, and which fully illustrates my invention, Figure 1 is a plan view of my improved sieve. Fig. 2 is a vertical section on the line *x x*, Fig. 1. Fig. 3 is a detailed view of a part thereof.

A represents the rim or body of the sieve, made slightly tapering, and having its lower edge turned inward to form the flange *a*. B represents the wire bottom, which rests upon a round bead or shoulder, *b*, swaged up from a narrow rim, C. This rim or band C is fitted around the lower end of the body A, so that the wire bottom will be held between the round bead *b* and the flange *a*. The upper

edge of the band C is then united to the rim or body A by swaging a concavo-convex groove in both parts together, as shown at *d*.

The round bead *b*, upon which the wire bottom rests, prevents it from cutting out, and should the wire-cloth give way by breaking, &c., another bottom can easily be put in by hammering out the upper swage, *d*, when the hoop or band C can be pulled off and a new wire bottom put in, the band returned to its place, and swaged, as before.

The lower band or hoop, C, may be secured to a wooden rim equally as well as to the tin body or rim A.

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

In a sieve, the hoop or band C, swaged to form the round bead *b*, and having the wire bottom B resting thereon, in combination with the rim or body A, formed with the flange *a*, and the two parts being united and held together by the swaged groove *d* in both, substantially as herein set forth.

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

LYCURGUS E. AMBROSE.

Witnesses:

G. W. ELLSBERRY,
J. C. AMBROSE.