

R. J. MANN.
Sieves.

No. 151,993.

Patented June 16, 1874.

Fig. 1.

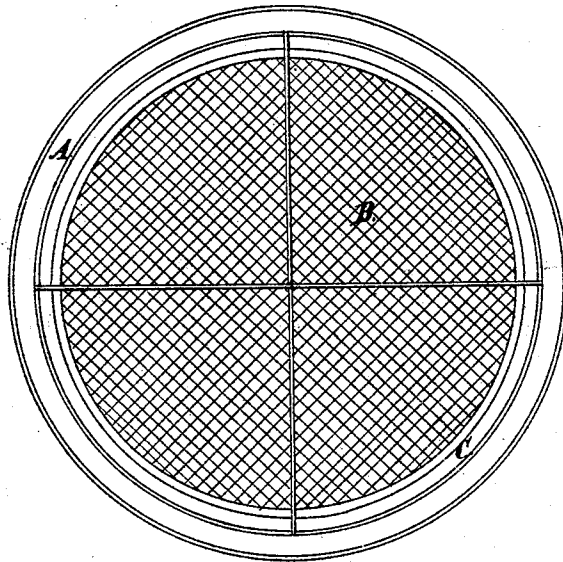
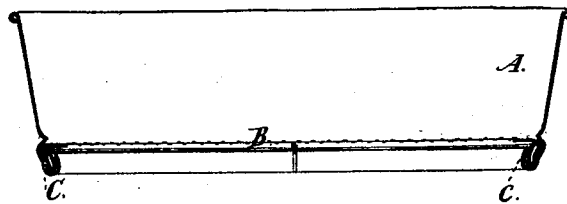


Fig. 2.

Witnesses.

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IMPROVEMENT IN SIEVES.

Specification forming part of Letters Patent No. **151,993**, dated June 16, 1874; application filed May 14, 1874.

To all whom it may concern:

Be it known that I, ROBERT J. MANN, of the city of St. Louis, in the State of Missouri, have invented a new and useful Improvement in Metallic Sieves, of which the following is a specification:

The object of this invention is to firmly secure the wire-cloth bottom to the metallic body of the sieve, and at the same time so strengthen the bottom of the body of the sieve as to prevent it from being bent out of shape by any ordinary usage.

The nature of the invention consists in firmly clasping the edges of the wire-cloth between two thicknesses of metal at the bottom of the sieve, and then folding these two thicknesses of metal and the wire-cloth, as herein-after will be fully described.

In the annexed drawings, which form a part of this specification, Figure 1 represents a central vertical section of the metallic sieve; Fig. 2, a bottom view of the same.

A in said drawings represents the metallic body of the sieve, and B the wire-cloth bottom of the sieve. The lower edge of the metallic body A is turned inwardly and the edges of the wire-cloth placed between it and the body of the sieve, and securely clasped be-

tween them; but if left thus fastened the turned-over bottom of the body of the sieve is liable to yield to rough usage and allow the loosening of the edge of the wire-cloth.

To prevent any such result, the double lower edge of the folded bottom of the sieve, which clasps the edge of the wire-cloth, is doubled or folded inwardly, as shown at C, thus making a double fold in the edge of the wire-cloth, as well as in the lower edge of the metallic sieve-body. This double fold very materially strengthens the bottom of the body of the sieve, and if, by any means, the fold at the bottom of the sieve does give, the edge of the wire-cloth is still so clasped between the remaining folds as to be held tightly clasped and firmly in position.

Having thus described the construction and operation of my invention, what I claim, and desire to secure by Letters Patent, is—

The double fold C for securing the wire-cloth B to the metallic body A of the sieve, as specified.

ROBERT J. MANN.

Witnesses:

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