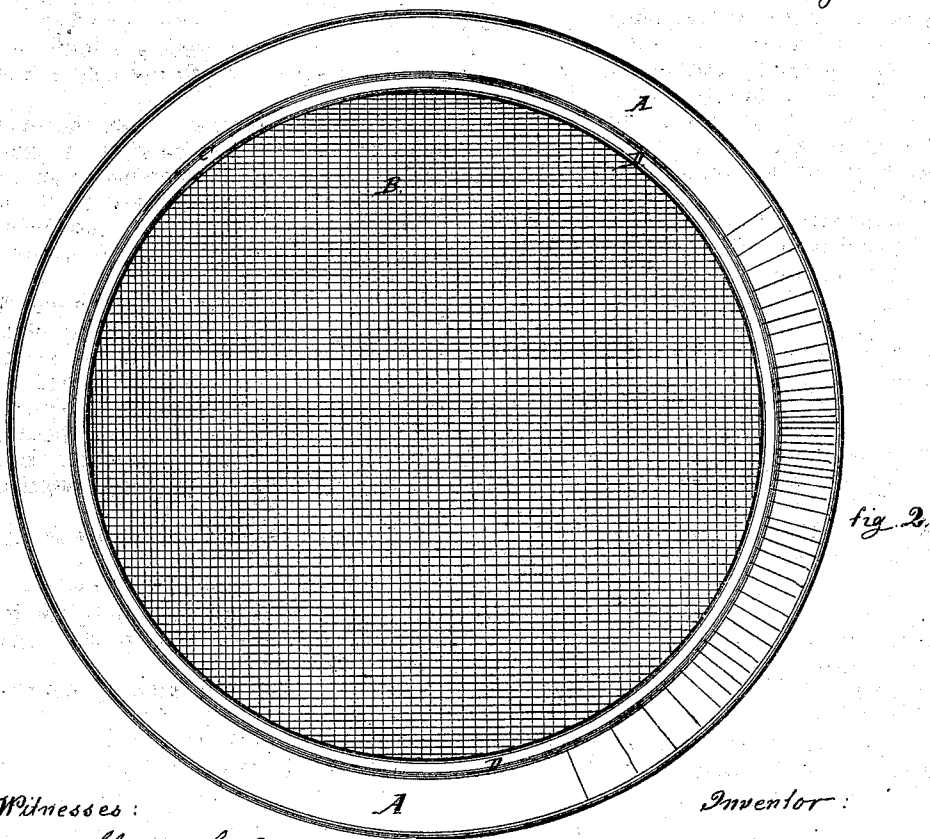
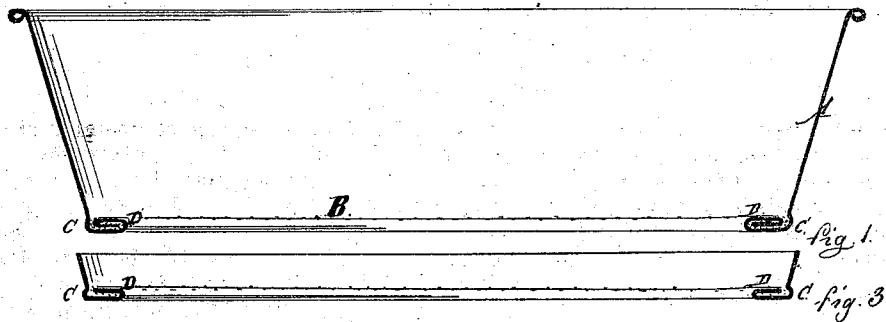


R. J. MANN.

Construction of Metallic Sieves.

No. 135,925.

Patented Feb. 18, 1873.



Witnesses:

Heinr. F. Burns.
John W. Munday

Inventor:

R. J. Mann

UNITED STATES PATENT OFFICE.

ROBERT J. MANN, OF BURLINGTON, IOWA.

IMPROVEMENT IN THE CONSTRUCTION OF METALLIC SIEVES.

Specification forming part of Letters Patent No. 135,925, dated February 18, 1873.

CASE A.

To all whom it may concern:

Be it known that I, ROBERT J. MANN, of Burlington, in the county of Des Moines and State of Iowa, have invented certain Improvements in Metallic Sieves, of which the following is a specification:

Nature of the Invention.

This invention relates to that class of metallic sieves which have a metallic hoop or band, with a wire or sieve cloth secured to its bottom, and adapted to family use for sifting meal, &c.; and the invention consists in the peculiar manner in which the wire or sieve cloth is secured to the bottom of the metallic hoop or band.

In the accompanying drawing, which forms part of this specification, Figure 1 represents a vertical central sectional view of the metallic hoop and wire-cloth attached. Fig. 2 is a bottom view of the same; and Fig. 3, a vertical central sectional view, showing a narrower hoop and a single instead of a double fold of the bottom of the metallic hoop or band to secure the sieve-cloth.

To enable those skilled in the art to make and use my invention, I proceed to describe the same with particularity, referring in so doing to the aforesaid drawing by the use of letters of reference thereto.

General Description.

A represents the metallic hoop or band of the sieve. B represents the sieve-cloth, made of wire or other suitable material. To secure the sieve-cloth within the bottom of the metallic hoop or band A, the lower edge of said band is turned in horizontally, as shown in

Figs. 1, 2, and 3, at that part designated by the letter C, which forms a bottom for the sieve to rest on when placed on a shelf or other similar receptacle. The inner edge of the bottom of this hoop or band A is then turned up, and the edge of the wire-cloth placed over it, so that, when this edge of the hoop is pressed or folded down in the position shown at D in the drawing, the edge of the wire-cloth is clasped between the folds of the edge of the hoop A, and firmly held in place, as shown.

It will be observed that, when the edge D of the metallic hoop or band A is pressed down, the wire-cloth B is stretched or strained tight, and is held firmly in place by its edge being securely clasped between the folds in the edge of the hoop or band, as above described.

Fig. 1 of the drawing shows a double fold of the bottom of the metallic hoop or band A, claspings a double fold in the edge of the hoop-cloth, instead of a single fold, as in Fig. 3.

I do not claim to be the first to make what is called a double seam in the manufacture of articles of tin-ware, to fasten together the different pieces of tin used in making such articles; but

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

The combination of the hoop or band A and the sieve-cloth B, secured together by the folds C and D, substantially as and for the purpose specified.

ROBERT J. MANN.

Witnesses:

HEINR. F. BRUNS,
JOHN W. MUNDAY.