

A. C. SELLECK.

Improvement in Flour Sifters.

No. 123,129.

Patented Jan. 30, 1872.

FIG. I.

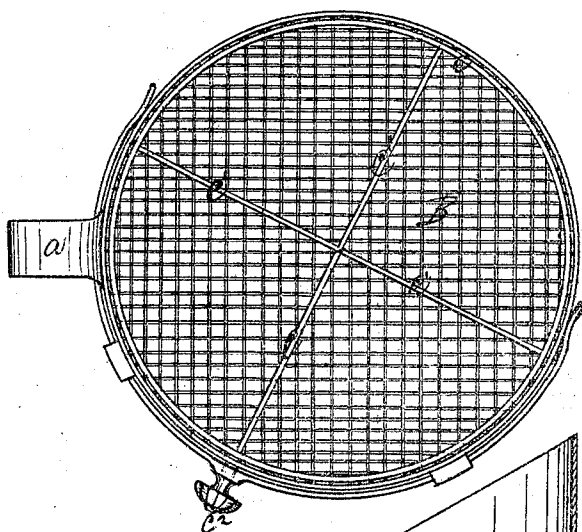


FIG. II.

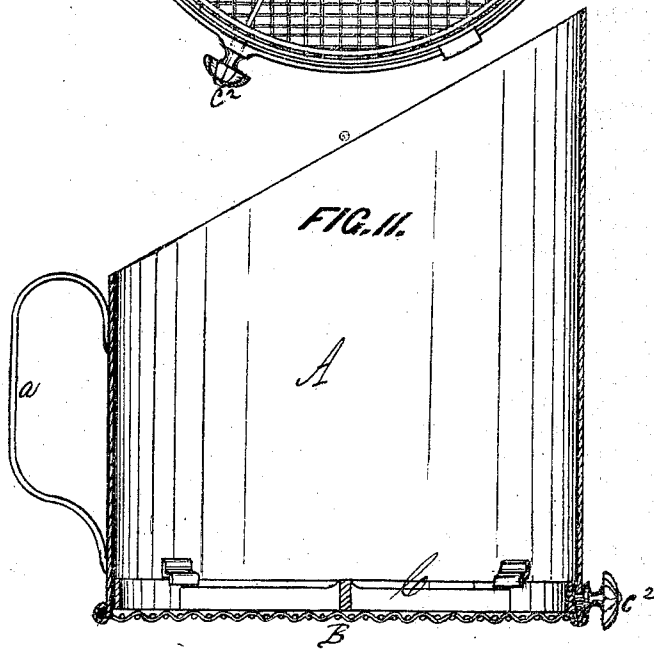
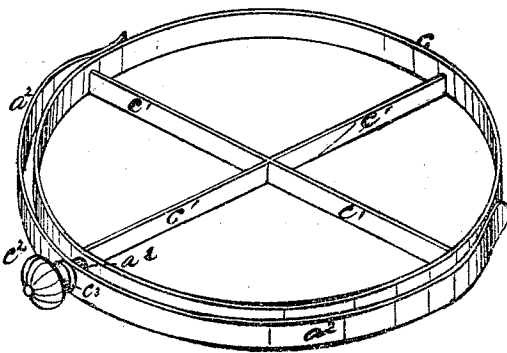


FIG. III.



WITNESSES
A. N. Phillips
Chas. Wood

INVENTOR.
Allen C. Selleck
Perk & Miatt, attys

UNITED STATES PATENT OFFICE.

ALLEN C. SELLECK, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN FLOUR-SIFTERS.

Specification forming part of Letters Patent No. 123,129, dated January 30, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, ALLEN C. SELLECK, of the city of Chicago, in the county of Cook and State of Illinois, have invented a certain new and Improved Flour-Sifter, of which the following is a specification:

Nature of the Invention.

My invention relates to devices for sifting flour; and consists in combining a collar or shield with the knob of an agitator working in a slot of a scoop-sieve, as hereinafter described.

General Description.

In the drawing, Figure 1 is a plan of my device. Fig. 2 is a vertical cross-section of the receptacle and sifting device; Fig. 3, a perspective view of the agitator detached.

A is the body of a flour-scoop, which is preferably made circular in form, and is provided with a handle, *a*. The bottom of scoop or other vessel adapted for use as a sifter, instead of being made in the usual manner with a continuous metal surface, consists of wire cloth B, which is soldered fast to the inner surface of the receptacle. Immediately above the wire bottom is placed an agitator, C, consisting of a rim, *c*, nearly equal in diameter to the body A, and arms *c*¹, which intersect each other in the center of the rim. To one side of the rim is secured a knob, *c*², which furnishes a means of operating the agitator from the outside of the scoop through the slot *a*¹. To the knob *c*²

is soldered a collar or shield, *c*³, which serves to conceal the slot *a*¹, and, by passing through the loops *a*², acts as a guide to the movement of the agitator C.

The operation of the device is as follows: Having filled the scoop with flour or other material which it is desired to sift, the scoop is held in an upright position by the handle *a* with the left hand and the knob *c*² is grasped with the right hand. By moving the knob back and forth the length of the slot a circular reciprocal movement is imparted to the agitator C, which causes the arms *c*¹ to pass over a certain portion of the wire surface B, and, as the said arms are in contact or nearly in contact with the wire bottom, the agitation induced will cause any particles which are of less diameter than the interstices or mesh of the wire to pass through.

The action of the agitator C is only to stir up the flour or other material, with no tendency to crush any dirt which may be contained in the scoop.

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

The combination of the collar or shield *c*³ with the knob *c*² and agitator C, for the object described.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

Witnesses: ALLEN C. SELLECK.
C. C. PECK,
GEO. W. MIATT.