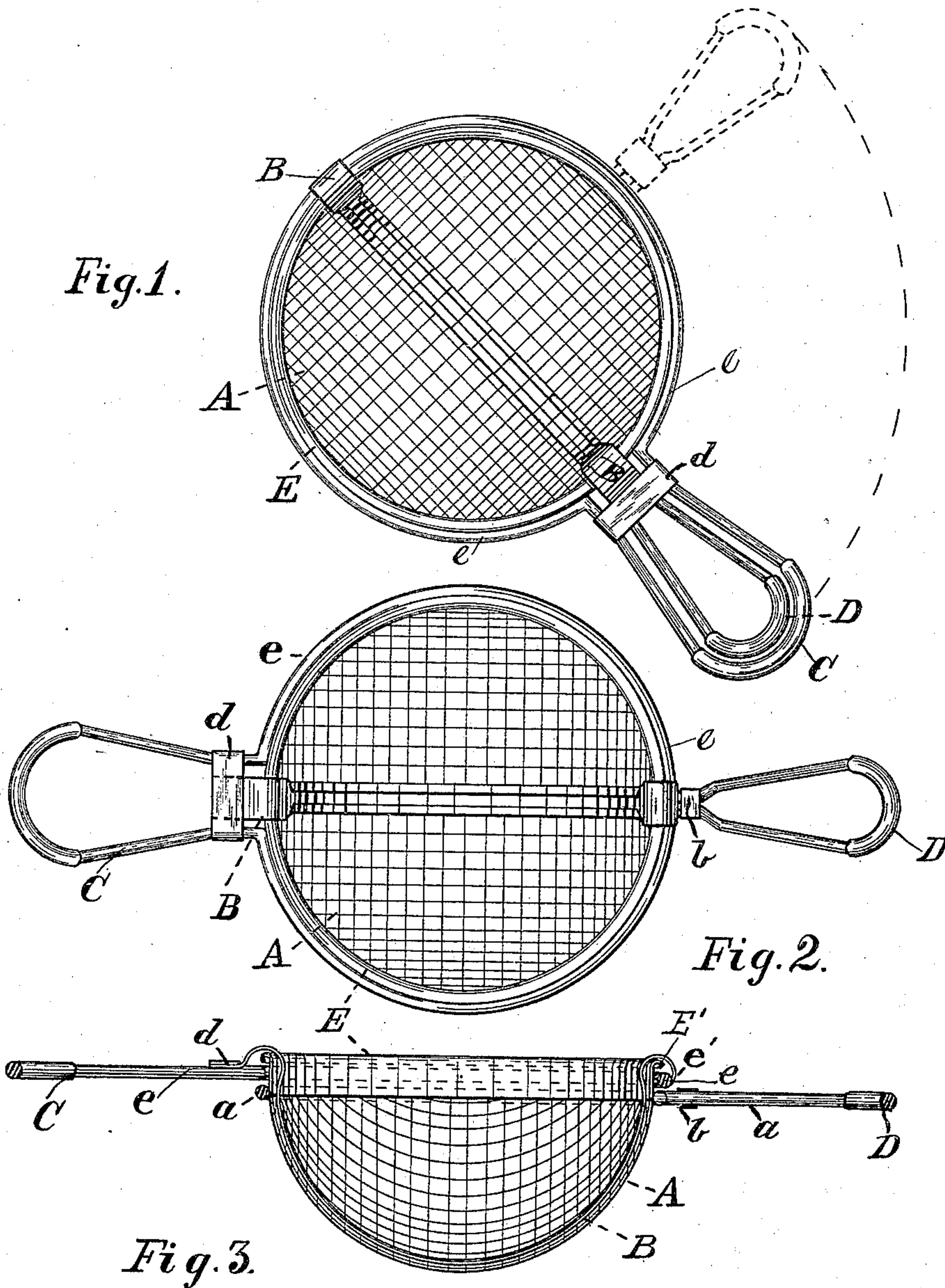


(No Model.)

C. A. BRYANT.  
STRAINER.

No. 369,687.

Patented Sept. 13, 1887.



WITNESSES:

J. M. Dolan.  
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INVENTOR

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# UNITED STATES PATENT OFFICE.

CHARLES A. BRYANT, OF WAKEFIELD, MASSACHUSETTS.

## STRAINER.

SPECIFICATION forming part of Letters Patent No. 369,687, dated September 13, 1887.

Application filed November 12, 1886. Serial No. 218,668. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES A. BRYANT, of Wakefield, in the county of Middlesex and State of Massachusetts, a citizen of the United States, have invented a new and useful Improvement in Strainers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature.

My invention comprises a strainer made, preferably, of wire-cloth, of a somewhat rounded or hemispherical shape, the edge of which is bound by a sheet-metal band having a lip at its upper edge, and to the lower edge of which the upper edge of the wire-cloth is soldered or otherwise secured, and which strainer is adapted to be suspended over a pail, pan, or dish by means of two handles, or a handle and an extension-rest, one of which is made movable in relation to the other, and to the movable handle of which there is attached an agitator comprising a strip of flat or round metal, which is shaped to the general conformation of the interior of the strainer, and is adapted to be moved over its surface.

Referring to the drawings, Figure 1 is a plan view of my improved strainer, showing the handles or extension-rests together. Fig. 2 is a plan view showing them separated or in position to support the strainer upon a pail, dish, or other receptacle. Fig. 3 is a vertical central section with the parts in the position represented in Fig. 2.

A is the strainer. It is preferably of a somewhat rounded or hemispherical shape. Its upper edge is bound by the sheet-metal band E, which is turned outward to form a lip or extension, E'. The upper edge of the wire-cloth is preferably united to the lower edge of the band and to a metal ring or hoop, *a*, by solder, and this hoop or ring *a* surrounds the band and extends from one side of the strainer sufficiently to form a handle, D. Between the ring or hoop *a* and the lip E' there is another hoop or ring, *e*, which surrounds the band E and is free to be turned upon the band, and this is also extended upon one side to form the handle or extension-rest C. To this handle or rest C there is secured an agitator, B, which preferably passes over the top of the

strainer from one side of the hoop or ring *e*, and has the general configuration of the bottom of the strainer, and upon its opposite side passes over the top and is attached to the opposite side of the hoop or ring *e* at the point *e'*, so that the movement of the handle C from the position represented in Fig. 1 to any other position causes the agitator to be moved over the inner surface of the strainer. Of course, for general uses, it is desirable that the agitator should be placed as closely to the bottom of the strainer as possible.

The piece *d* serves as a tie or binding-piece in uniting the two ends or sections of the ring or hoop *e* together and to hold the ring or hoop upon the band, and there is likewise a sleeve or binding-piece, *b*, for fastening the two sections of the hoop or ring *a*.

When the two handles or extensions D C are used for rests, the movable handle or rest is moved to a position opposite the stationary handle or rest, as represented in Figs. 2 and 3. When the strainer is held by one hand, the two handles or rests are brought together to the position shown in Fig. 1 in full line, and when the agitator is to be moved over the surface of the strainer the handle D is held in one hand and the handle C moved backward and forward in relation thereto by the other hand. (See Fig. 1.)

When closed, it will be observed that when the handle or rest C is over the lower one, D, the strainer has the appearance of having but one handle, while the device is made more compact. It will also be seen that both ends of the agitator are attached to the upper or loosely-fitted hoop or ring of the extension-rest.

In addition to its use as a strainer, the device may also be employed as a sifter for flour, sugar, salt, and other culinary purposes.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, with a strainer, of a fixed handle and a handle movable around the periphery of the strainer, both of the said handles extending horizontally from the upper part of the strainer, and being thus adapted to serve as rests when placed opposite each other, and being also adapted to be brought together

for compactness or to serve as a single handle, substantially as set forth.

2. The combination, with a strainer having a fixed handle, of a peripherally-movable handle extending horizontally from the upper part of the said strainer, and thus adapted to serve as a rest, and an agitator connected to and thus movable with the said movable handle, substantially as set forth.
3. The combination, with the strainer A, having the fixed ring  $\alpha$ , provided with the handle D, of the movable ring  $e$ , having the handle C, and the agitator B, attached to and thus movable with the latter ring and the handle, substantially as set forth.

4. The combination, with the strainer A, of

the band E, having the lip  $E'$ , the fixed ring  $\alpha$ , having the handle D, and the movable ring  $e$ , arranged between the said lip and the said ring  $\alpha$ , and provided with the handle C, substantially as set forth.

5. The combination, with the strainer A, of the band E, having the lip  $E'$ , the fixed ring  $\alpha$ , having the handle D, the movable ring  $e$ , arranged between the said lip and the said ring  $\alpha$ , and provided with the handle C, and the agitator attached to said movable ring, substantially as set forth.

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Witnesses:

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