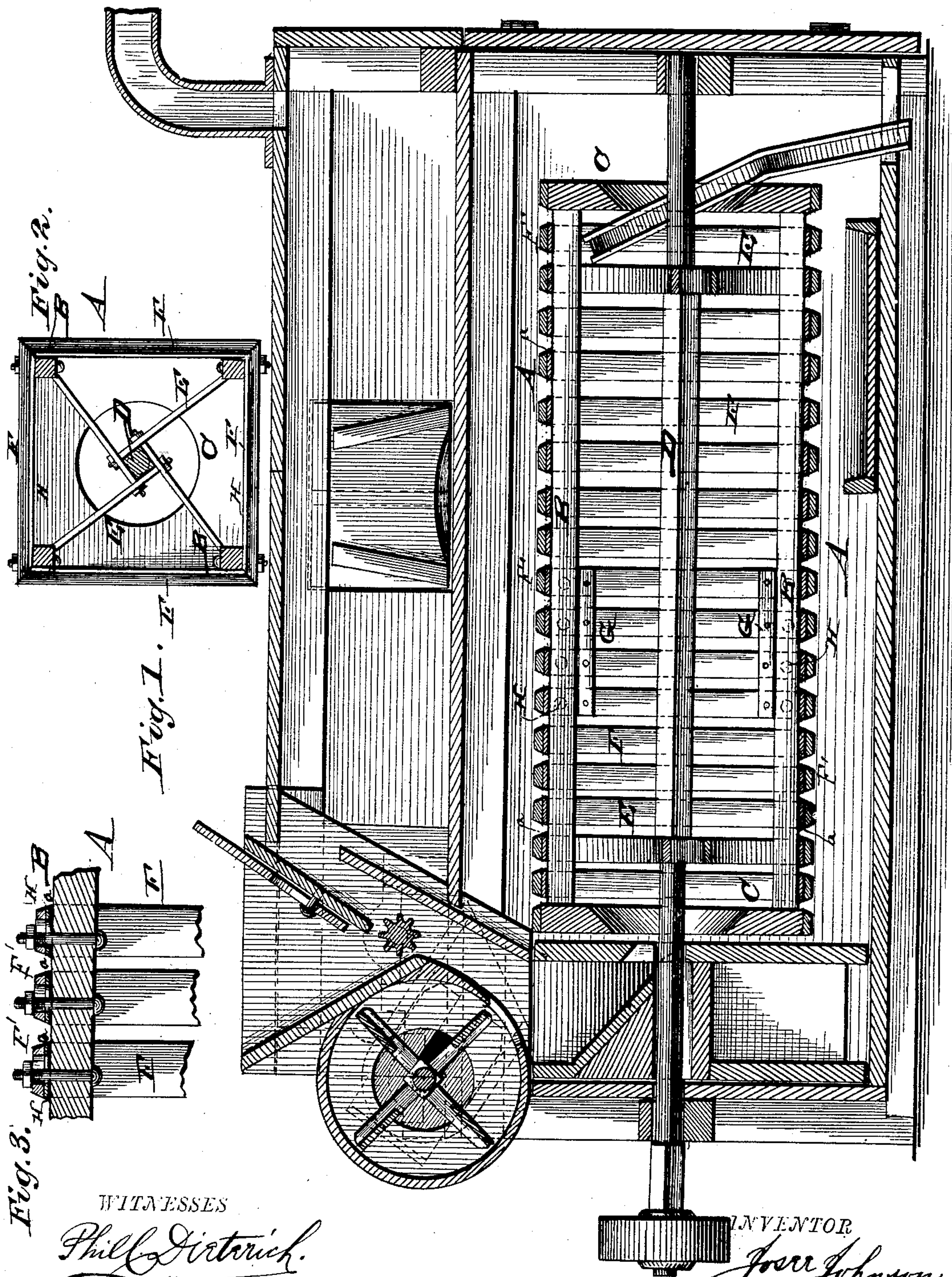


(No Model.)

J. JOHNSON.  
PEANUT CLEANER.

No. 310,137.

Patented Dec. 30, 1884.



WITNESSES

*Phil Dietrich.*

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# UNITED STATES PATENT OFFICE.

JOSEE JOHNSON, OF NORFOLK, VIRGINIA, ASSIGNOR TO HIMSELF AND  
H. P. EMBURY, OF SAME PLACE.

## PEANUT-CLEANER.

SPECIFICATION forming part of Letters Patent No. 310,137, dated December 30, 1884.

Application filed April 15, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEE JOHNSON, of Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful  
5 Improvements in Peanut-Cleaners; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon,  
10 which form part of this specification.

This invention relates to peanut-cleaners, and it is an improvement on the scourer shown and described in my application for Letters Patent the serial number of which is 127,972.  
15 My object is to protect from wear the edges of the wooden strips forming the screen of the scourer, as will be fully understood from the following description, when taken in connection with the annexed drawings.

20 Figure 1 is a vertical section taken longitudinally through a peanut-cleaner, showing my improved scourer and screen. Fig. 2 is a cross-section of the scourer and screen detached from the casing. Fig. 3 is a sectional  
25 detail of part of the scourer.

The casing of the machine, the upper and lower compartments, the fan-case, the hopper, and wind-passages have been fully shown and described in my application above referred  
30 to, and are not herein claimed; consequently a description of said parts is not deemed necessary.

A designates a frame which is rectangular or polygonal in cross-section, and which consists of a suitable number of longitudinal  
35 beams, B, secured rigidly to heads C, which have central openings through them.

D designates a central shaft, to which said frame A is secured by means of spiders E. In the present instance the frame is rectangular in cross-section, and part of the central shaft,  
40 D, is of a corresponding shape, so as to provide four sides for the attachment of the spiders, as indicated in Fig. 2 of the drawings.  
45 The spiders are secured by bolts or other suitable fastenings in such manner that the shaft D can be readily detached from them when desired. To said frame are secured a series of metal strips, F, having beveled edges *a a*,  
50 the broad sides of the said strips being in contact with the beams B. On the outside of each metal strip F is secured a wooden strip, F', of less width than the metal strip and also having beveled edges.

By reference to Fig. 3 it will be seen that 55 the metal strips and the wooden strips are slotted laterally and secured to the beams B by means of bolts and nuts, by loosening which latter the strips can be adjusted so as to leave proper spaces between them for the  
60 escape of foreign matters at one part of the scourer and the escape of cleaned peanuts at another part thereof. In some instances a number of the wooden and metal strips may be secured together, as indicated by letter G, 65 on one side of the scourer, to form a door, which may be secured by screws or otherwise to two of the beams B, thus affording convenient access to the interior of the scourer. It will be seen that by this construction and arrange- 70 ment of the strips, owing to the beveled edges of the wood and metal, the nuts, &c., will escape at the proper places with the utmost freedom through the spaces between the strips, and will not be liable to clog. It will also be 75 seen that the metal strips on the inner sides of the wooden strips, being wider than the latter, will serve as shields and protect the edges of the wood from wear.

As the metal strips may be very thin, it is 80 evident that they will not add materially to the weight of the scourer, while they will add greatly to its strength and durability.

Instead of using only a single metal strip for each wooden strip, a strip of metal may be 85 applied to each edge of a wooden strip and secured thereto by screws passed through slots, thus allowing the metal strips to be set farther out when worn, which could not be done when only a single strip is used for each 90 slat.

Having described my invention, I claim—

1. In a peanut screen or drum, the combination of strips or bands having beveled edges with re-enforcing metal strips, also having 95 beveled edges, both being slotted and adjustable, substantially as and for the purposes described.

2. In a peanut-cleaner, a screen having laterally-adjustable bands constructed with beveled edges, substantially as described. 100

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

JOSEE JOHNSON.

Witnesses:

F. O. McCLEARY,  
W. R. KEYWORTH.