F. STREUBY.

Cotton-Seed Huller.

No. 163,702. Patented May 25, 1875.

Fig. 1.

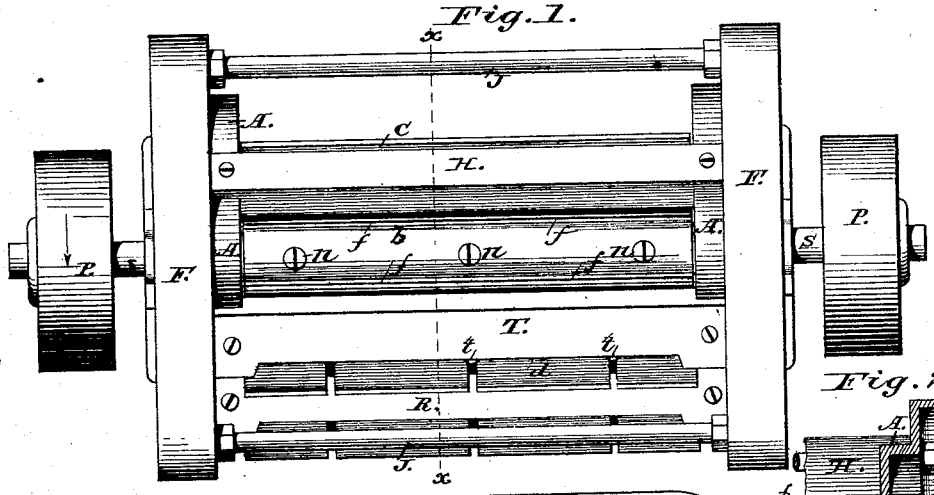


Fig. 2.

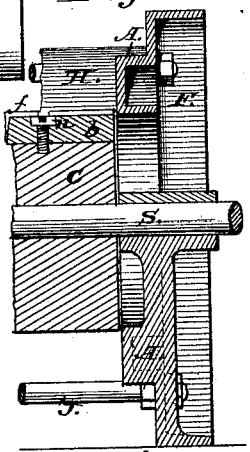


Fig. 3.

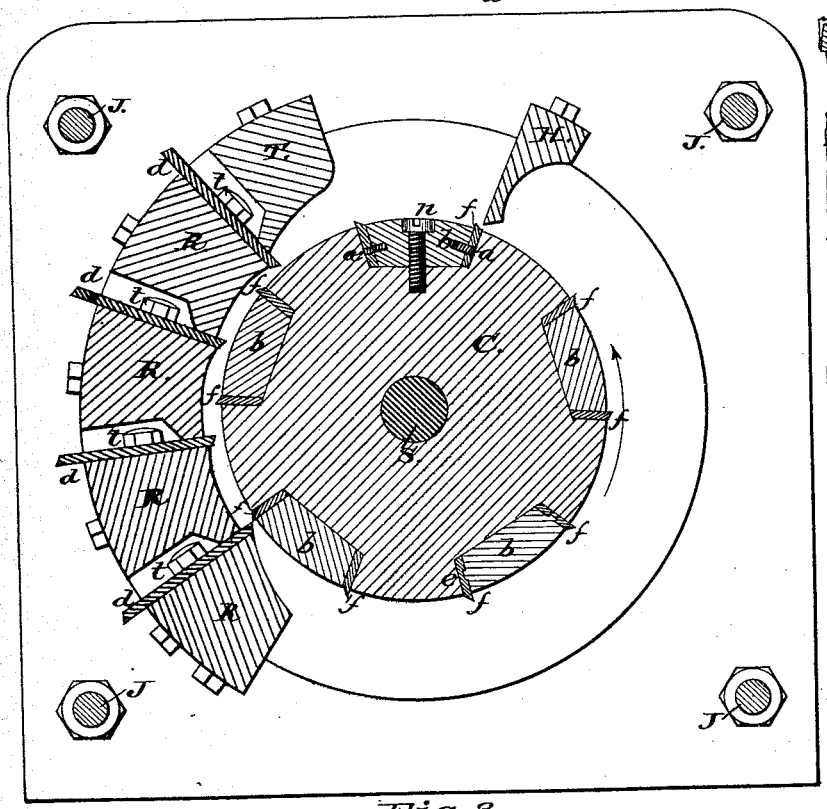
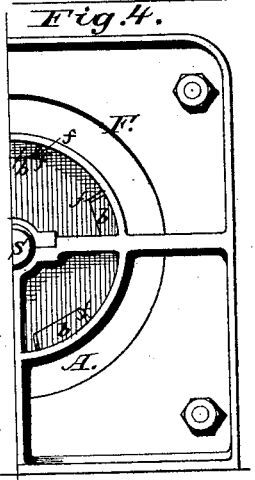


Fig. 4.



Witnesses:

Thomas Hecod

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Inventor.

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UNITED STATES PATENT OFFICE.

FERDINAND STREUBY, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN COTTON-SEED HULLERS.

Specification forming part of Letters Patent No. **163,702**, dated May 25, 1875; application filed July 21, 1874.

To all whom it may concern:

Be it known that I, FERDINAND STREUBY, of the city of New Orleans, parish of Orleans and State of Louisiana, have invented certain Improvements in Hullers, used for hulling cotton-seed or other seeds, of which the following is a specification:

The object of my invention is to secure greater regularity in motion and simplicity in construction of such machinery, thereby affording greater economy in constructing and in keeping the same in order.

The means of accomplishing the foregoing consists of improvements hereinafter described, and illustrated by accompanying drawing, representing my invention.

Figure 1 is a top view of my invention. Fig. 2 is a sectional view cut through the dotted line *s* to *n*, showing that portion comprised within the lines *s n* J, on the left of Fig. 1. Fig. 3 is a sectional view, on an enlarged scale, of the left-hand part of the machine, as shown in Fig. 1, cut through the dotted line H R. Fig. 4 is a partial exterior end view of the machine.

Like letters refer to like parts in the drawing.

The heads F F, together with the tie-bolts J J J J, constitute the frame, to which the working parts are attached. P P the pulleys, S the shaft, C the cylinder, H the hopper-bar, T the feed-bar. R R R R are supports to the fixed knives *d d d d*, and also form the concave, which partially encircles the cylinder C. A A are projecting rings, (attached to the heads F F,) to which the concave and the feed and hopper bars attach, and from which they may be readily detached by means of the screws by which they are held. The rings A A also serve as guides to the ends of the cylinder. The knives *d d d d* are fixed to the upper side of their supports by means of the screws *t t t*, and are adjustable by means of slots through which the screws pass. The cylinder C consists of a longitudinal casting secured on an axle, one-half of the segments forming its periphery being solid with the casting, the rest, *b b b b b*, being removable, the latter serving as keys to secure the knives *f* in the cylinder by means of screws *n* entering the solid casting, each key securing two knives. The knives *f* are kept parallel by means of tongues *e* formed on the radial sides of the solid segments, entering grooves in the knives *f*, or by means of pins *a*, as shown in Fig. 3. The tongues *e* may be attached to the solid segments.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The solid cylinder C, formed with segmental recesses in its periphery, into which fit the removable segments *b*, to secure the knives *f*, as described.

2. The tongue *e*, in combination with the solid segment and grooved knife *f*, as specified.

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