

J. POLLOCK.

Clover Huller.

No. 7,104.

Patented Feb. 19, 1850.

Fig. 2

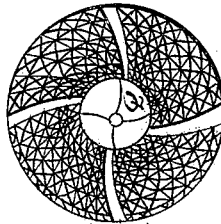
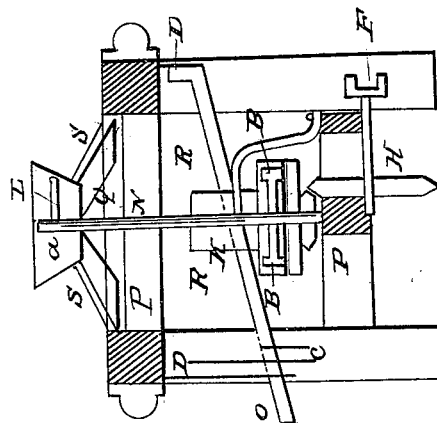


Fig. 1



UNITED STATES PATENT OFFICE.

JOSEPH POLLOCK, OF RICHMOND, INDIANA, BY ALLEN R. McGRUFF, ADMINISTRATOR.

HULLING CLOVER-SEED.

Specification of Letters Patent No. 7,104, dated February 19, 1850.

To all whom it may concern:

Be it known that I, JOSEPH POLLOCK, of Richmond, in the county of Wayne and State of Indiana, have invented a new and
5 useful Machine for Hulling and Cleaning Clover; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed
10 drawings, making a part of the specification, in which—

Letters P P is a frame; B, a fan; F, a driven universal joint; H, a bevel wheel on a horizontal shaft, which works into its
15 pinion and is fastened near the lower end of a perpendicular shaft or spindle which is attached to the huller Q giving it a rotary motion.

S, S, is a stationary huller which is fastened down to frame and has a hopper or receiver *a*, in its center. This huller *s s* is a dish or elevation from its circumference to the proper place of encircling the hopper within the excavation in its dish. These
20 excavations should be made in such angles as to draw the chaff toward the circumference. Huller Q is flat, but has an elevation in its center, commencing with the circumference of the aperture of the one stationary and elevated toward its center, this elevation has ledges fastened down edgewise from the center to the circumference in such an angle as to force the chaff into the channels of huller S, S, which may be more
35 easily understood by looking at Fig. 2.

D, D, is the section of a cylinder with a sloping bottom.

R, R, is a cylinder with sloping bottom and of smaller dimensions and sets inside of cylinder D, D, leaving a space between the
40 two cylinders and their bottoms.

K, is a tube which extends up around the spindle N, this tube extends through bottoms of cylinders D, D, and R, R, to about the top of cylinder D conducting the wind
45 from fan up against the lower side and center from which it expands to the circumference of hullers Q and S, S. Cylinder D receives the chaff; cylinder R receives the seed, and discharges at *o* and *e*.
50

L is an arm fastened into spindle at right angles or otherwise which by the motion of spindle keeps the chaff from clogging in the hopper.

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

The arrangement and combination of the cylindrical cups R R and D D with each other for the purpose of discharging the grain at C and the lighter materials at O
60 as herein described.

JOSEPH POLLOCK.

Allen R. McGriff, Administrator of the estate.

Witnesses:

P. J. SULLIVAN,
DANL. COLLINS,
WM. A. BICKLE,