

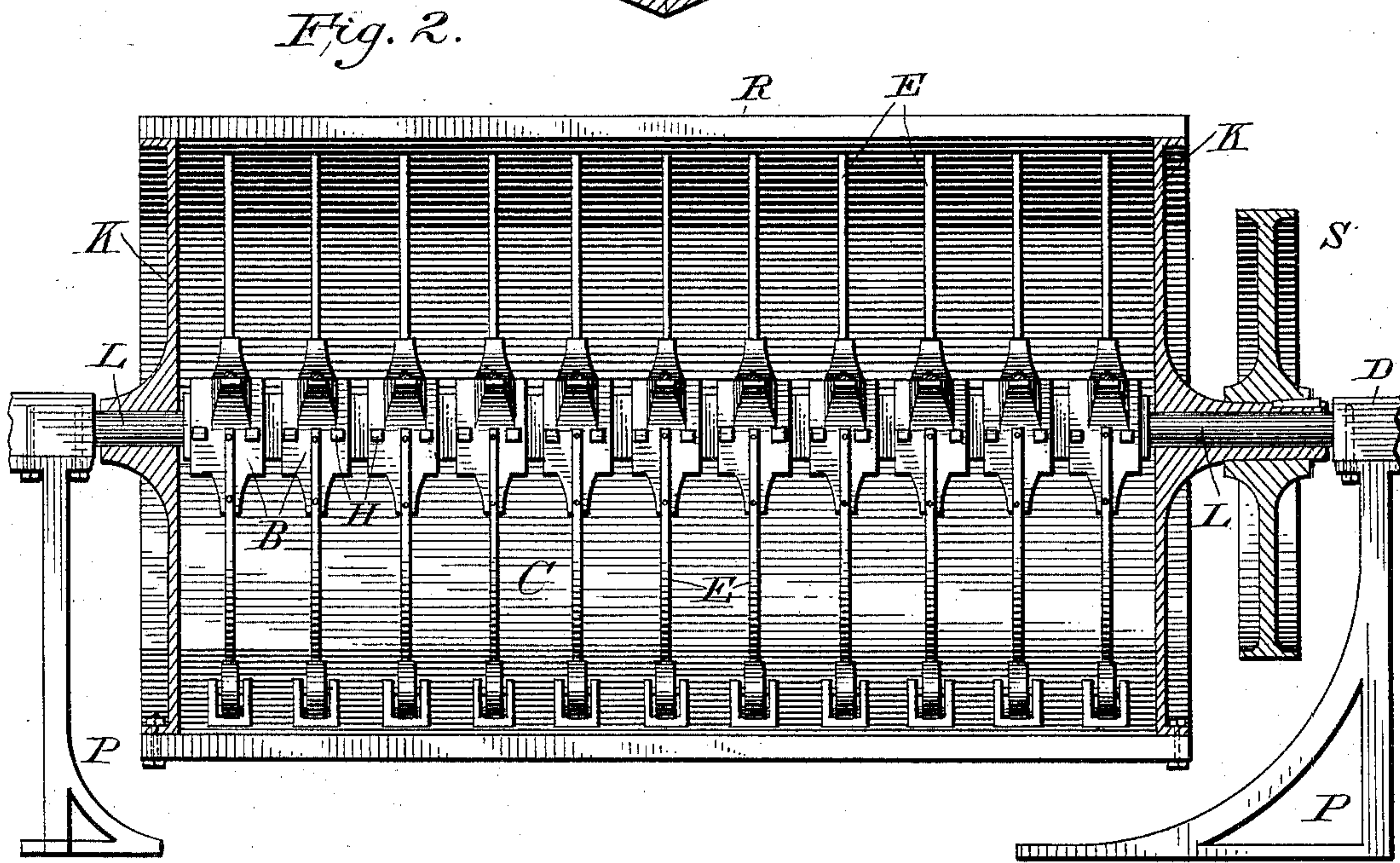
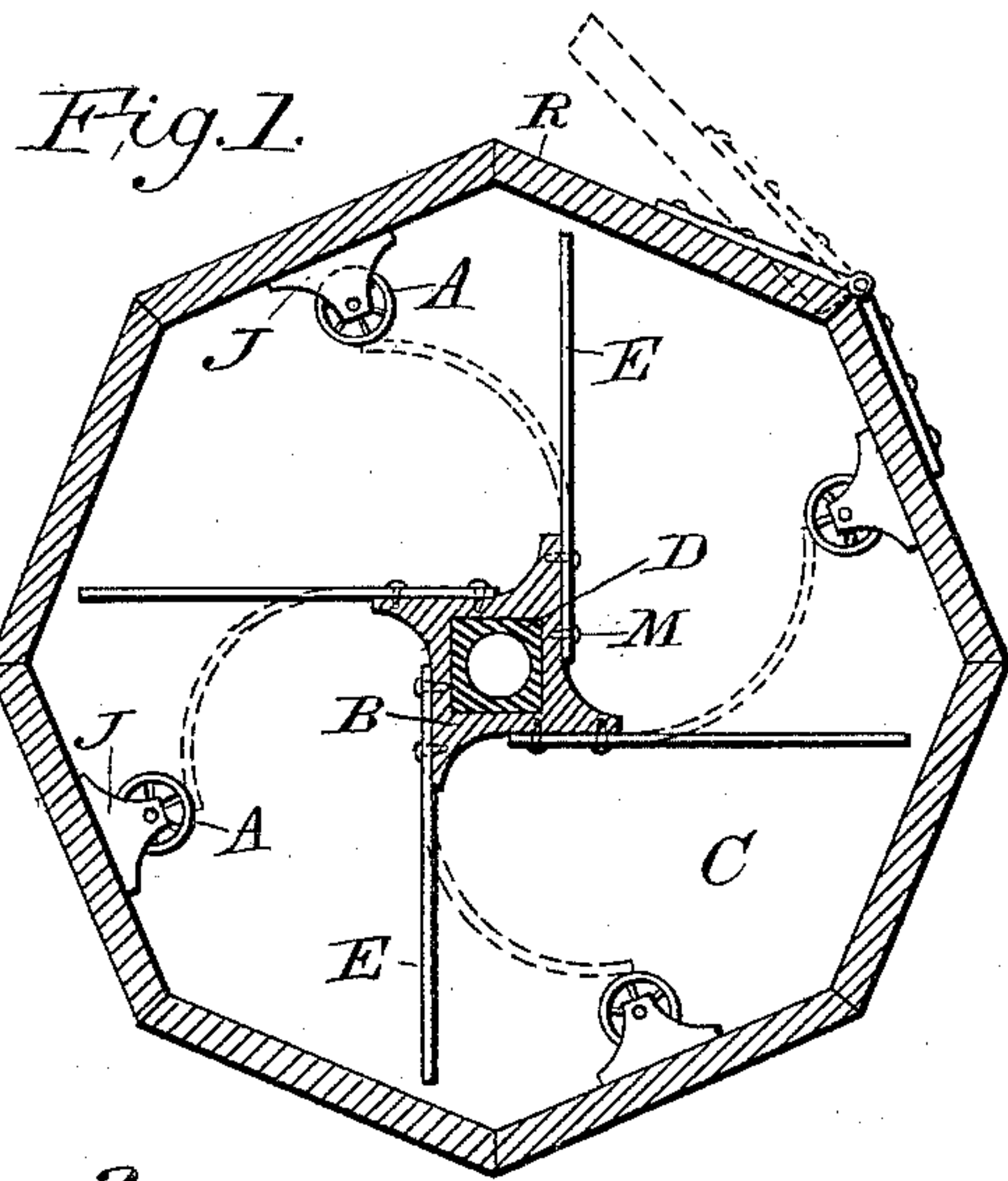
(No Model.)

H. A. GARVEY.

MACHINE FOR SEPARATING PLASTERING HAIR.

No. 432,609.

Patented July 22, 1890.



Witnesses:

Felix Bell

Maxwell Tilford

Inventor.

Henry A. Garvey -

UNITED STATES PATENT OFFICE.

HENRY A. GARVEY, OF NEW YORK, N. Y.

MACHINE FOR SEPARATING PLASTERING-HAIR.

SPECIFICATION forming part of Letters Patent No. 432,609, dated July 22, 1890.

Application filed August 23, 1889. Serial No. 321,701. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. GARVEY, a citizen of the United States, residing in New York, State of New York, have invented a new and useful Machine for Separating Plastering-Hair for Use in Mortar; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

Heretofore plastering-hair, when prepared to place in mortar, has been beaten by hand with flails or rods, a tedious and unsatisfactory process.

The object of my invention is to beat the hair thoroughly, quickly, and without loss. I attain this object in the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view in transverse section of a machine constructed in accordance with my invention. Fig. 2 is a view thereof in longitudinal section.

C is a drum having heads K, mounted to turn upon the rounded parts L of the stationary shaft D, the main portion of which shaft is made square, as shown in Fig. 1. The motion to the drum is transmitted by the pulley S. (Shown in Fig. 2.) Upon the squared part of the shaft are placed collars B, secured in place by bolts H, (shown in Fig. 2,) each collar having a number of flat faces, to which are fastened, by screws M, blades or fingers E of spring-steel.

To the interior of the drum C are secured brackets J, in which are journaled rollers A,

which rollers, as the drum turns upon the rounded portions L of the shaft D, are carried in succession against the free ends of the blades or fingers E, bending the same, as shown by dotted lines in Fig. 1. After the passage of the rollers the blades are released and fly back to their original position. As the blades fly back, after being released from the rollers, they will strike against the material placed in the drum, giving the same a succession of swift forcible blows, which will effectually loosen and disintegrate the said material.

The feeding of the drum with material to be treated is through the opening formed by raising the stave R of the drum, which works on hinges. This opening also serves for removing material by placing the drum with stave R downward.

The iron stanchions P, which have an extended base, form the support for the machine.

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

The combination of the squared shaft D, and collars B thereon, carrying the steel blades or fingers E, with the rotating drum C, carrying the projecting parts or rollers adapted to engage the free-ends of the said blades or fingers.

HENRY A. GARVEY.

Witnesses:

GEO. GREGORY,
CHAS. W. HOBBS.