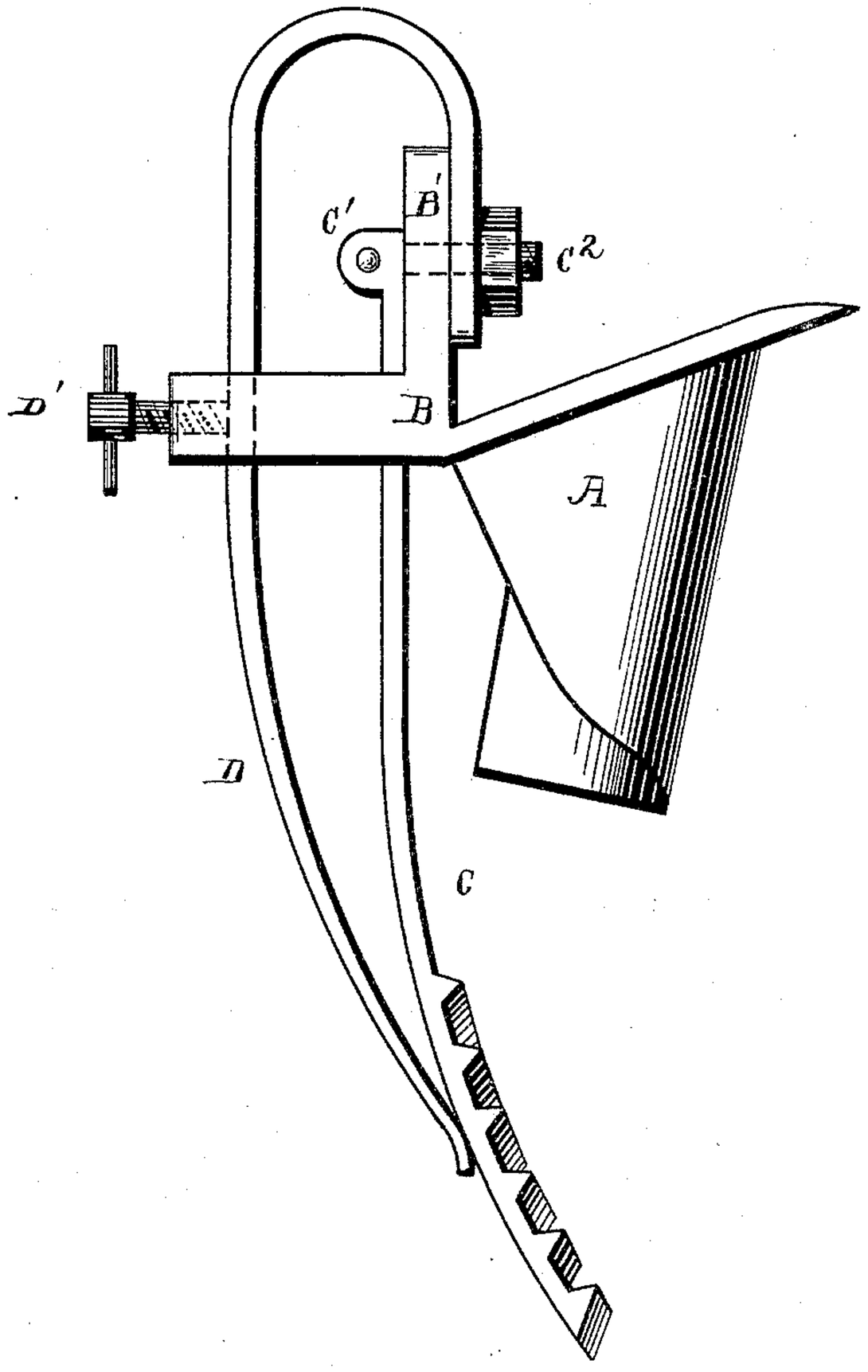
(No Model.)

M. F. REMINGTON.

Corn Shellers.

No. 232,904. Patented Oct. 5, 1880.



WITNESSES

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MILTON F. REMINGTON, OF NORWALK, OHIO.

CORN-SHELLER.

SPECIFICATION forming part of Letters Patent No. 232,904, dated October 5, 1880.

Application filed May 24, 1880. (No model.)

To all whom it may concern:

Be it known that I, MILTON F. REMINGTON, of Norwalk, in the county of Huron and State of Ohio, have invented certain new and useful Improvements in Corn-Shellers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawing, which forms part of this specification.

My invention relates to corn-shellers; and it consists in certain details of construction and combination of parts, as will hereinafter be described, and pointed out in the claims.

The drawing represents a view, in elevation, of a portion of a corn-sheller constructed according to my invention.

In the said drawing, A represents a hopper to which the corn is fed. B represents a frame, preferably of rectangular shape, permanently attached to the hopper, and adapted to contain the rubbing-irons C and the spring D. B′ is a perpendicular support, preferably cast with and made a part of the frame B and the hopper A. These portions A, B, and B′ may be made in separate pieces and united together in any suitable manner; but I prefer that they should consist of a single casting.

C represents the ordinary rubbing-iron of a corn-sheller, adapted to hold corn against the roughened disk of the ordinary corn-sheller. It is serrated at its lower extremity. This rubbing-iron is hinged at C′ to the bolt C^2, which passes through the upright B′, and also the back bent portion of the spring D, this bolt C^2 thereby attaching the rubbing-iron C and the spring D permanently to the upright B′. The object of the hinge C′ is to permit the rubbing-iron C to yield to the different-sized ears of corn that may be fed through the hopper.

To the back portion of the frame B, I introduce a set-screw, D′, for the purpose of regulating the pressure of the spring D upon the rubbing-iron C.

My improvement in this portion of the device consists in attaching a set-screw for regulating the tension of the spring without passing the same through the spring, whereby the latter would be weakened. This set-screw D′ operates directly upon the flat surface of the spring without weakening it in any manner whatever.

What I claim is—

1. The combination of hopper A, provided with upright B, with spring D, rub-iron C, and bolt C^2, hinged to said rub-iron, substantially as set forth.

2. The combination of the rub-iron C, bolt C^2, hinged thereto, spring D, frame B, and set-screw D′, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MILTON F. REMINGTON.

Witnesses:

JNO. CROWELL, Jr.,

WILLARD FRACKER.