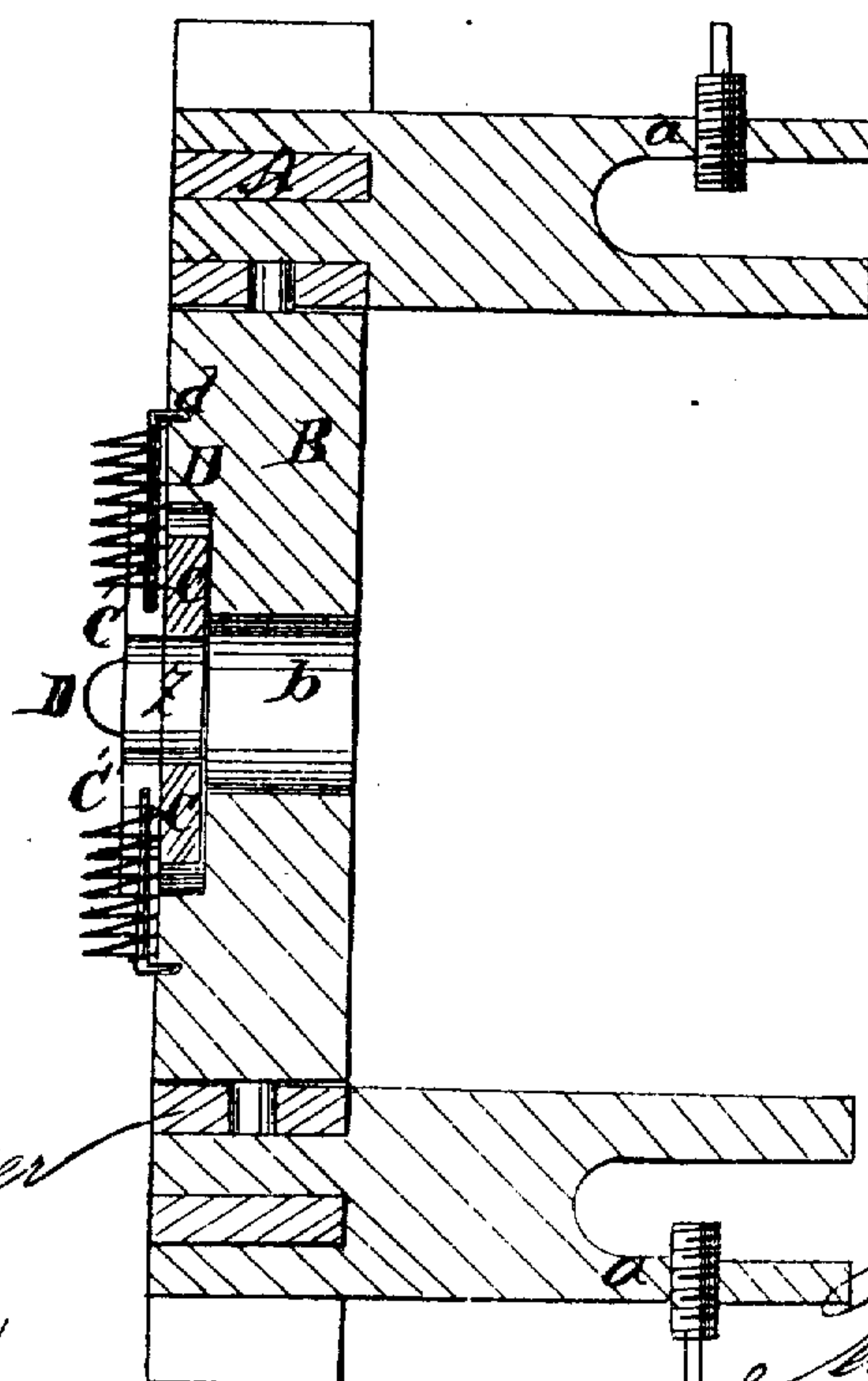
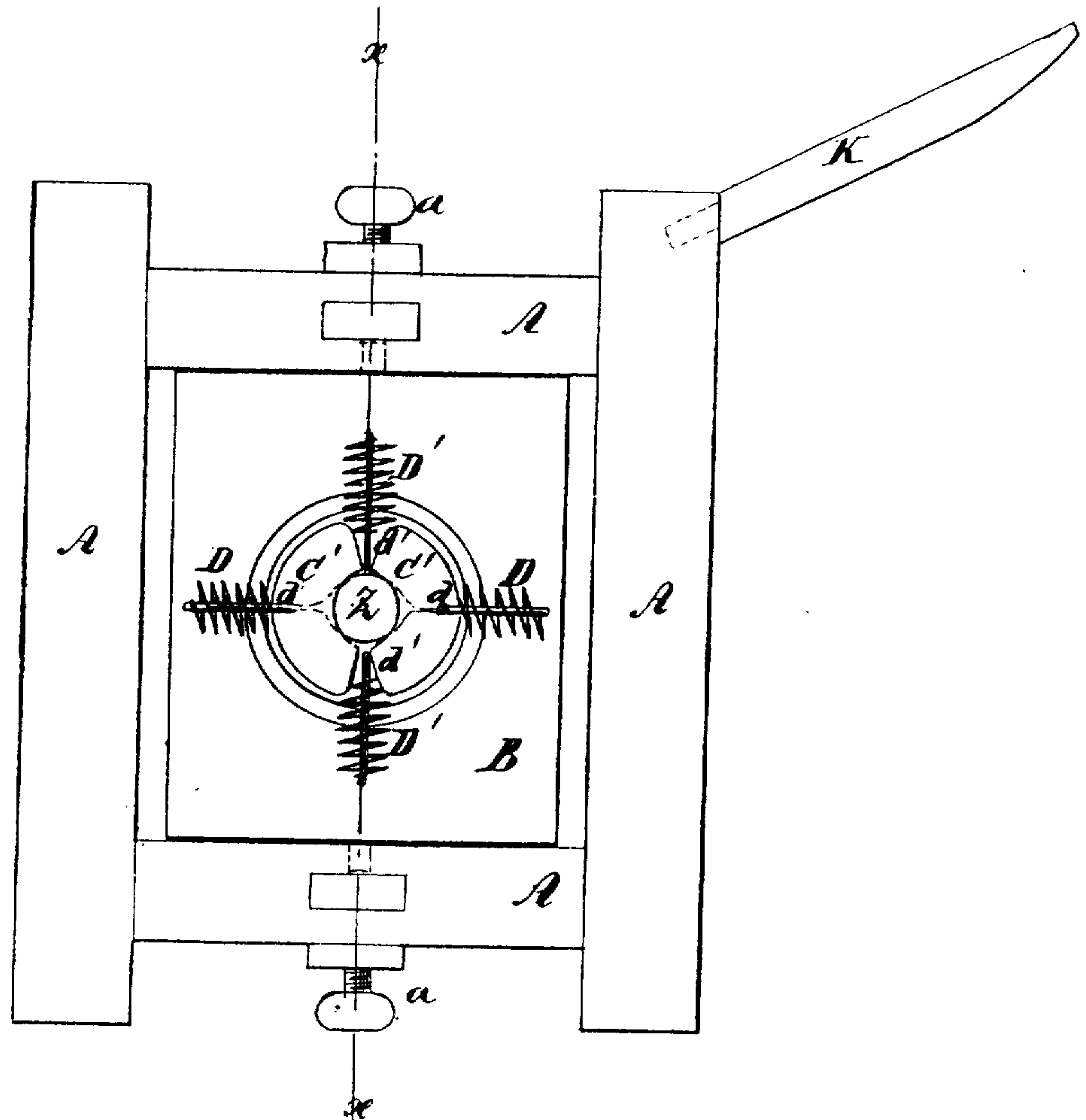


S. Bear. Cane Cleaver.

74976



PATENTED
MAR 3 1868

Witnesses.

J. Allison Fraser
W. E. Brown

Inventor.

S. Bear
Wm. H. L.

United States Patent Office.

SAMUEL BEAN, OF SYRACUSE, OHIO.

Letters Patent No. 74,976, dated March 3, 1868.

CANE-CLEANER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, SAMUEL BEAN, of Syracuse, in the county of Meigs, and State of Ohio, have invented a new and improved Cane Cleaner; and I do hereby declare that the following is a full, clear, and exact, description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improved cane-cleaner, and consists of a frame clamped to the mill. An iron plate or stripper having a hole in its centre is pivoted vertically in the frame. Two crescent-shaped steel plates are countersunk in the centre of this plate, and two other crescent-shaped steel plates rest crosswise of the former, the whole of them held in place by pins, and pressed together by springs, and forming a hole through which the cane passes to the mill. A knife is disposed near the top or in any other convenient position upon the frame, on which the cane is passed to cut off the top before putting it through the hole formed by the crescent-shaped steel plates. In the accompanying drawings—

Figure 1 is a front view of my improved cane-cleaner, and

Figure 2 is a vertical section thereof, at line *x x*.

Similar letters of reference indicate like parts.

A is the frame, clamped to the mill by the screws *a a*. B is an iron plate, pivoted vertically in the frame A, and having a central hole, *b*. Crescent-shaped steel plates, C C, are countersunk in B, and held in place and pressed together by the pins and springs D *d*. Other crescent-shaped steel plates, C' C', disposed across C and C, are held and pressed together in place by pins and springs D' *d'*. The hole Z formed by the crescent-shaped steel plates C C, C' C', is to be of sufficient size to admit the thin end of the cane, (the feather or flower whereof has been cut off by the knife K,) and, being fed to the mill, will be stripped and cleaned by the steel plates as they pass through Z.

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

The plates C C', and springs D D', in combination with the pivoted plate B and frame A, all constructed, arranged, and operating substantially as and for the purpose set forth.

Witnesses:

T. H. BARTON,
LEWIS HUDSON.

SAMUEL BEAN.