

G. H. Cair,

Feed Cutter.

No. 102,485.

Patented May 3, 1870.

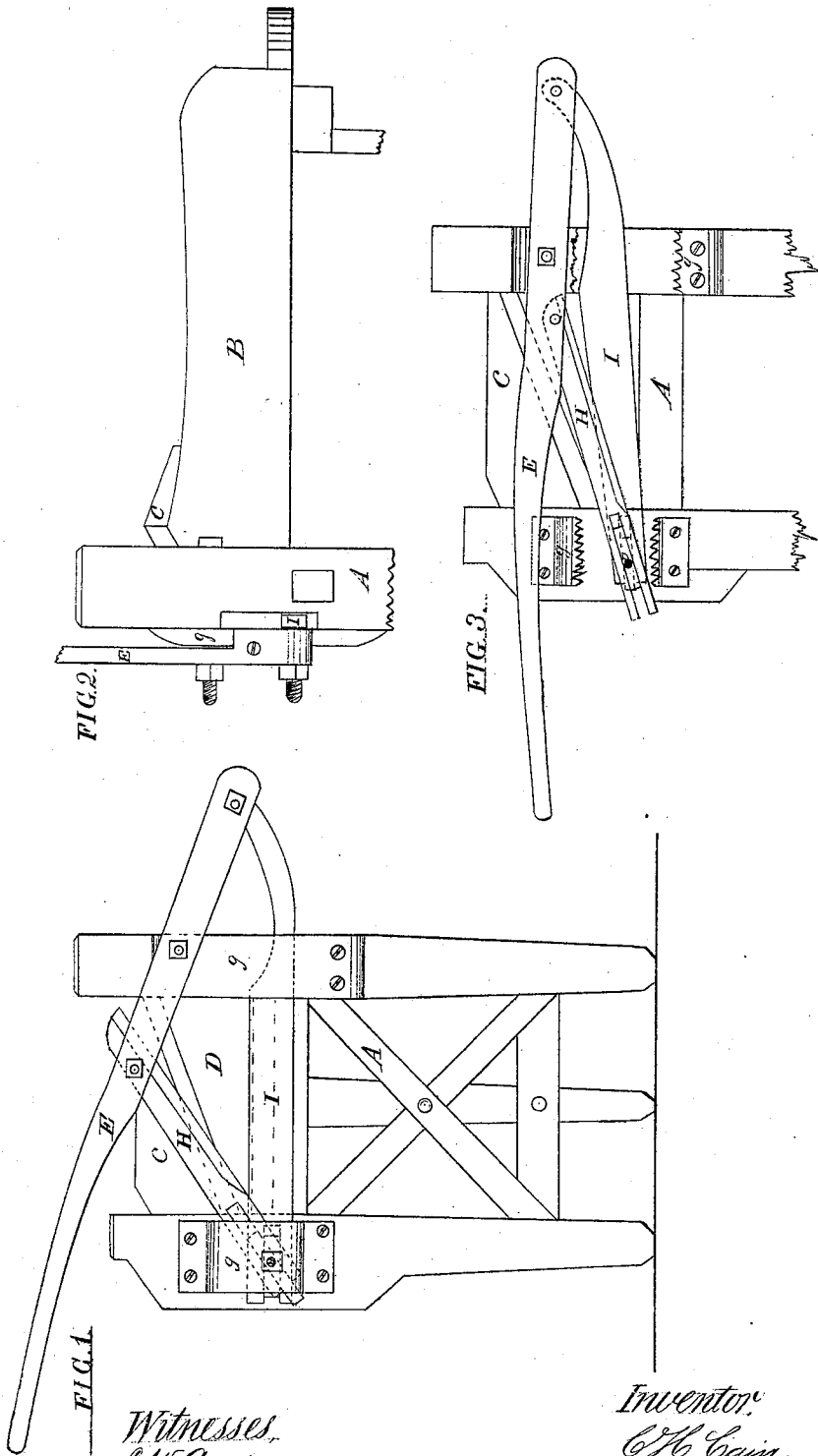


FIG. 2.

FIG. 3.

FIG. 1.

Witnesses,
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United States Patent Office.

CORNELIUS H. CAIN, OF DAYTON, OHIO.

Letters Patent No. 102,485, dated May 3, 1870.

IMPROVEMENT IN FEED-CUTTERS.

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, CORNELIUS H. CAIN, of Dayton, in the county of Montgomery and State of Ohio, have invented a new and valuable Improvement in Feed-Cutters; 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 drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a front view of my invention.

Figure 2 is a side view of same.

Figure 3 is a front view, showing shears closed.

My invention relates to straw-cutting machines; and

It consists in the construction and novel arrangement of devices intended to serve as efficient means for the purpose named.

A, of the drawings, represents a frame, upon which I arrange the straw-holding box B, in the manner shown.

At the front end and over the straw-holding box, I affix a cap, c, in a diagonal position, having an opening below it of the form shown at D on fig. 1. Through this diagonal opening the straw is passed to the knives.

E represents the lever by which the knives are operated. It is pivoted to a frame-post, and also to the knives, respectively as shown on figs. 1 and 3.

H is a knife, pivoted at one end to the lever E, and slotted at its opposite end. It is slotted so as to clasp the bolt v, and move thereon back and forth easily.

I is a knife, also pivoted at one end to lever E, and slotted at its opposite end, so as to operate on the bolt v in the same manner as knife H.

I arrange a guard, g, upon each front post of the device, one of which holds the slotted ends of the knives and the bolt v, while the other holds the pivoted end of knife I.

To operate my device I pass the straw, with one hand, through the opening D, and press down the lever with the other hand. These movements bring the straw immediately between the ascending and descending knives, each of which moves in a diagonal line, and the straw is cut with great ease and rapidity.

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

The feed-cutter herein described, having box B, opening D, lever E, and slotted knives H and I, constructed and arranged to operate substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CORNELIUS H. CAIN.

Witnesses:

J. J. BELVILLE,
T. G. ROSEBERRY.