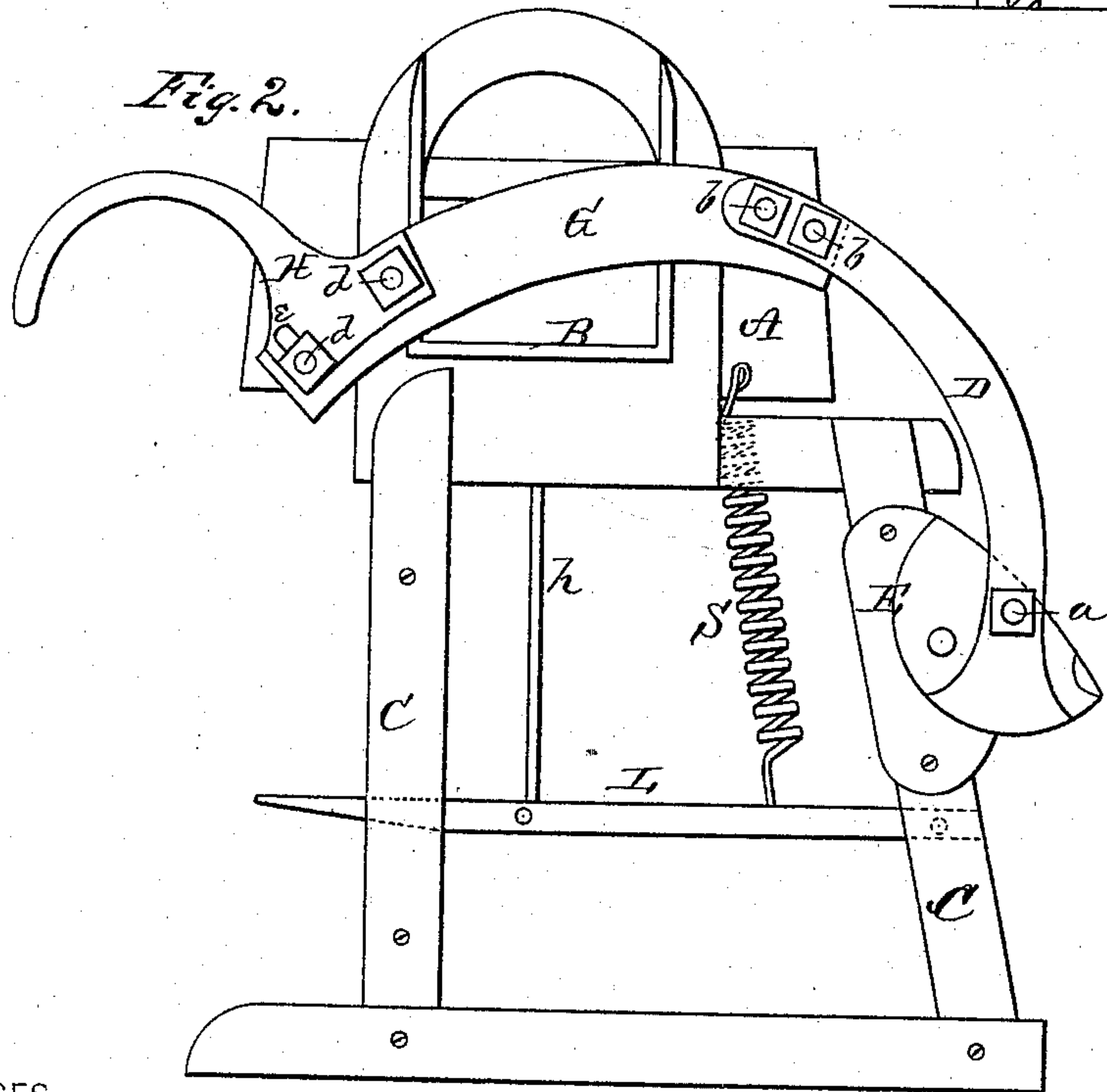
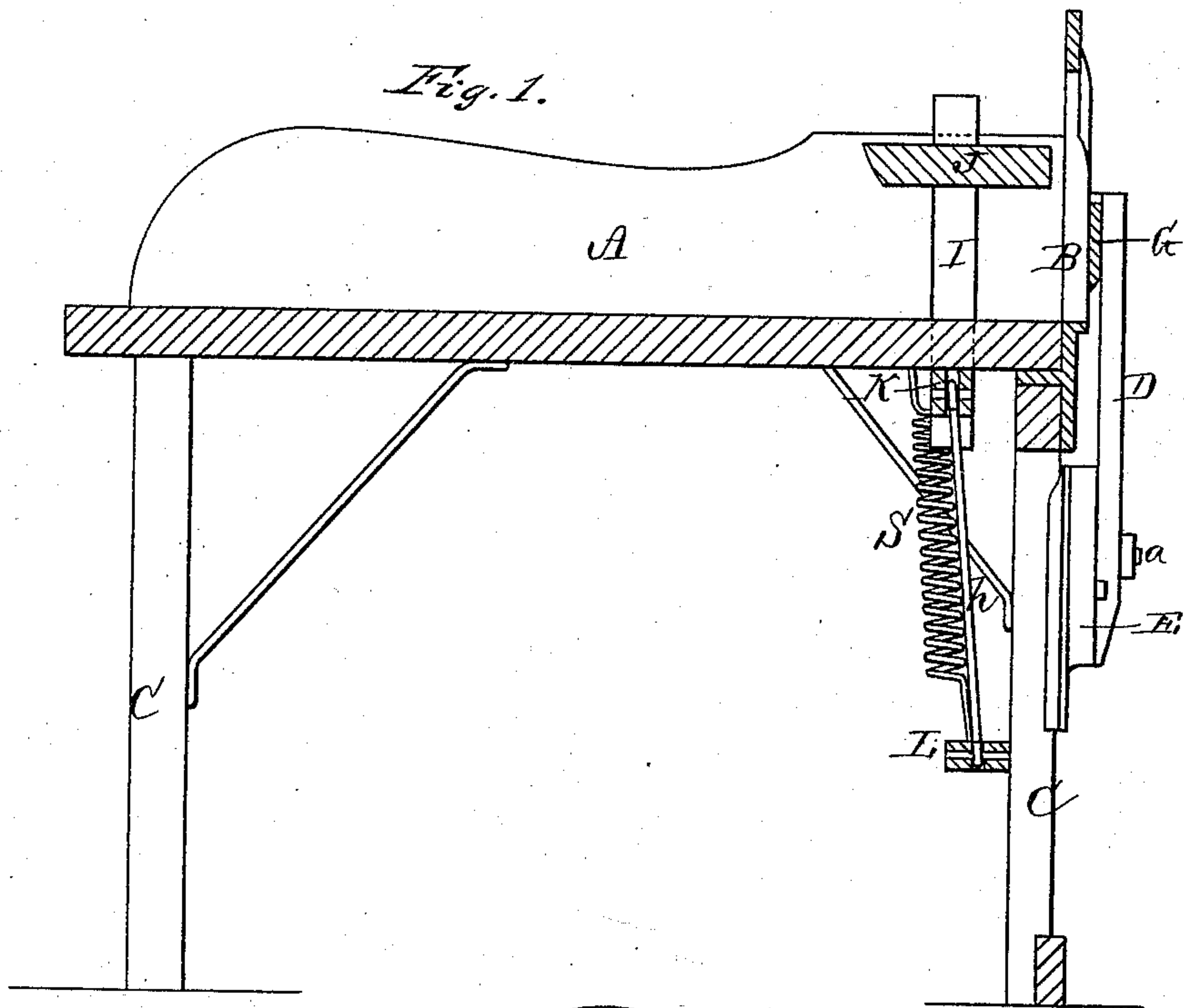


I. S. BUNNELL.
STRAW-CUTTER.

No. 173,892.

Patented Feb. 22, 1876.



WITNESSES

Mary S. Utley
E. H. Butler

INVENTOR.

Isaac S. Bunnell.
Gilmore Smith & Co.
ATTORNEYS

UNITED STATES PATENT OFFICE

ISAAC S. BUNNELL, OF CARBONDALE, PENNSYLVANIA.

IMPROVEMENT IN STRAW-CUTTERS.

Specification forming part of Letters Patent No. **173,892**, dated February 22, 1876; application filed January 29, 1876.

To all whom it may concern:

Be it known that I, ISAAC S. BUNNELL, of Carbondale, in the county of Luzerne and State of Pennsylvania, have invented a new and valuable Improvement in Stalk and Hay 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 representation of a longitudinal vertical section of my cutter, and Fig. 2 is an end view thereof.

The nature of my invention consists in the construction and arrangement of a feed-cutter, as will be hereinafter more fully set forth.

In the annexed drawing, A represents the ordinary feed box, provided at its front end with the mouth-piece B, and the box supported upon suitable legs C. To one of the front legs is secured a face-plate, E, and to this plate is pivoted a lever, D, by means of a pivot-bolt, *a*. This pivot-bolt is made adjustable up and down, whereby the length of the draw-cut is easily regulated. The lever D is curved, as shown, and to its upper end is fastened one end of the knife G, by two bolts, *b b*, and to the other end of the knife is fastened the handle H, by two bolts, *d d*. One

of these latter bolts passes through a slot, *e*, in the handle, so that the handle can be adjusted up or down, to suit the convenience of a tall or short person using it. At the front end of the box A is a movable presser-board, J, secured to two vertical bars I I, sliding in grooves in the sides of the box A. These bars extend down through the bottom of the box, and are connected below the same by a cross-bar, K, which is connected by a rod, *h*, with a pivoted treadle, L. This treadle is raised by means of a coiled-spring, S, which thus also raises the presser-board J, and keeps the same in an elevated position. By the operator pressing down on the treadle L, the board J is pulled down, compressing the feed while the same is being cut by the knife G.

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

In a lever feed-cutter, the combination of the adjustable lever D, the knife G secured thereto, and the handle H adjustably secured to the other end of the knife, for the purpose herein set forth.

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

ISAAC S. BUNNELL.

Witnesses:

ALFRED C. BAILEY,
HENRY H. FINN.