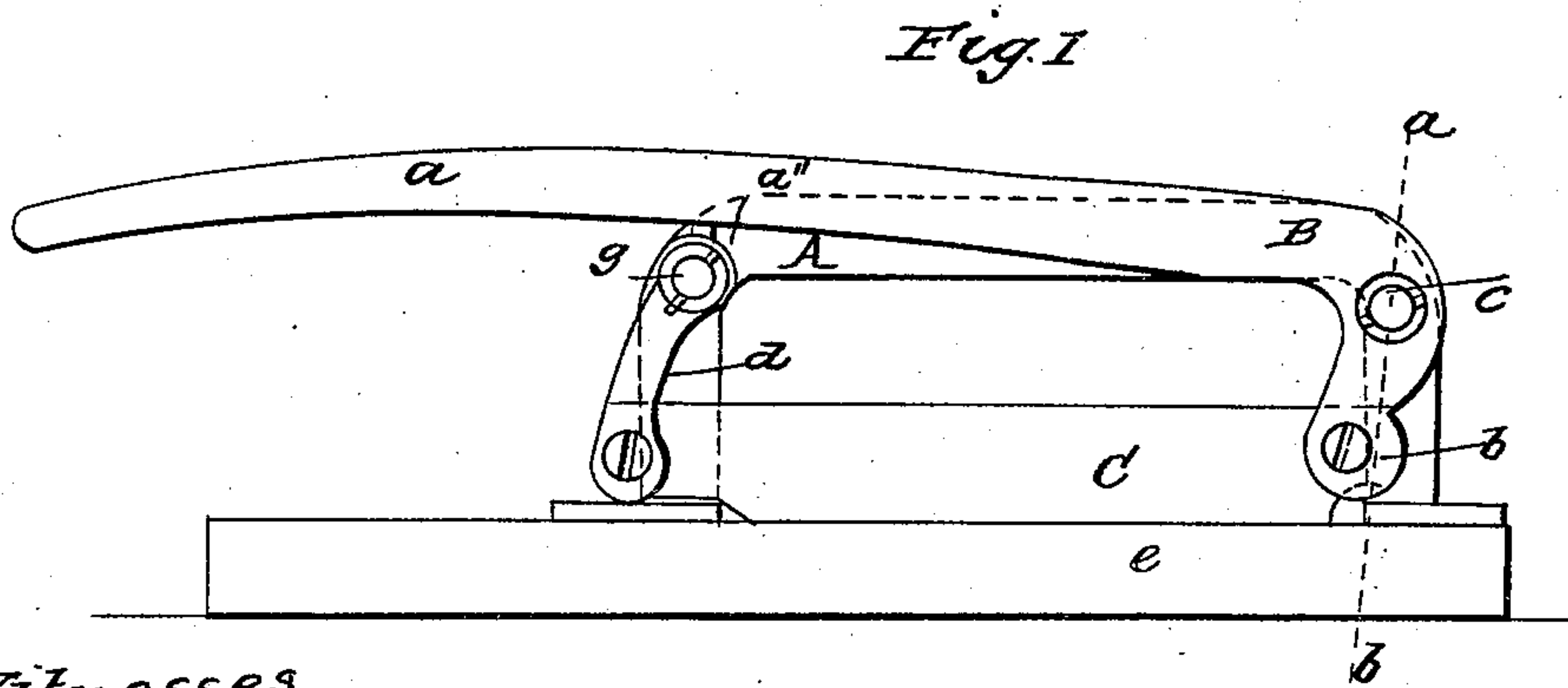
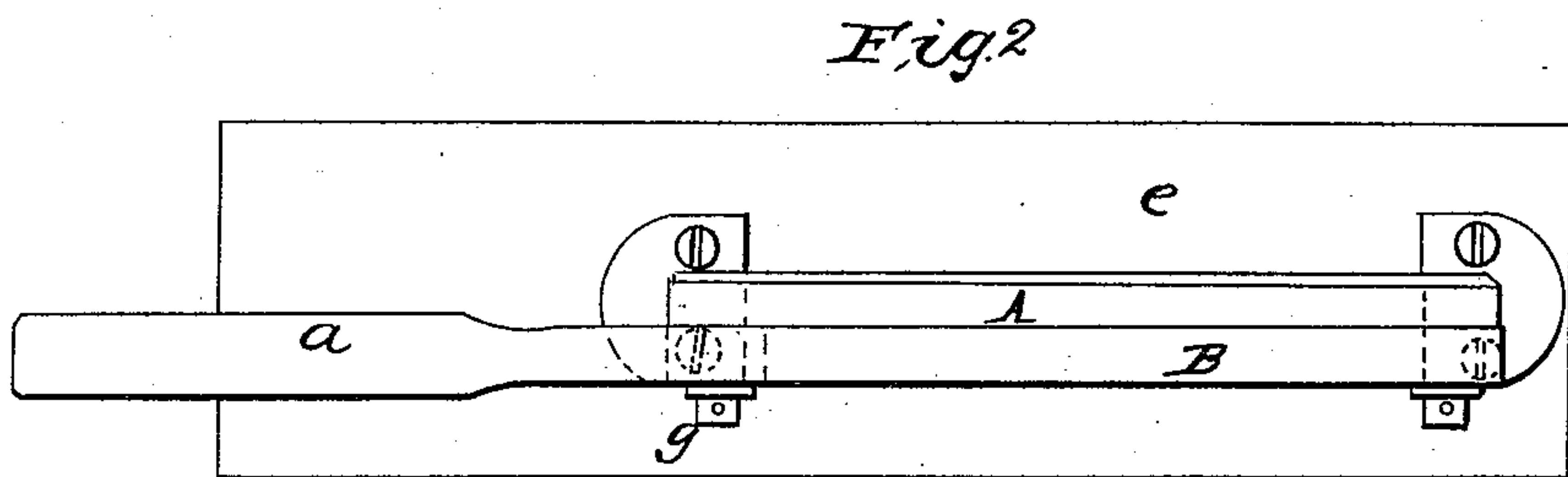
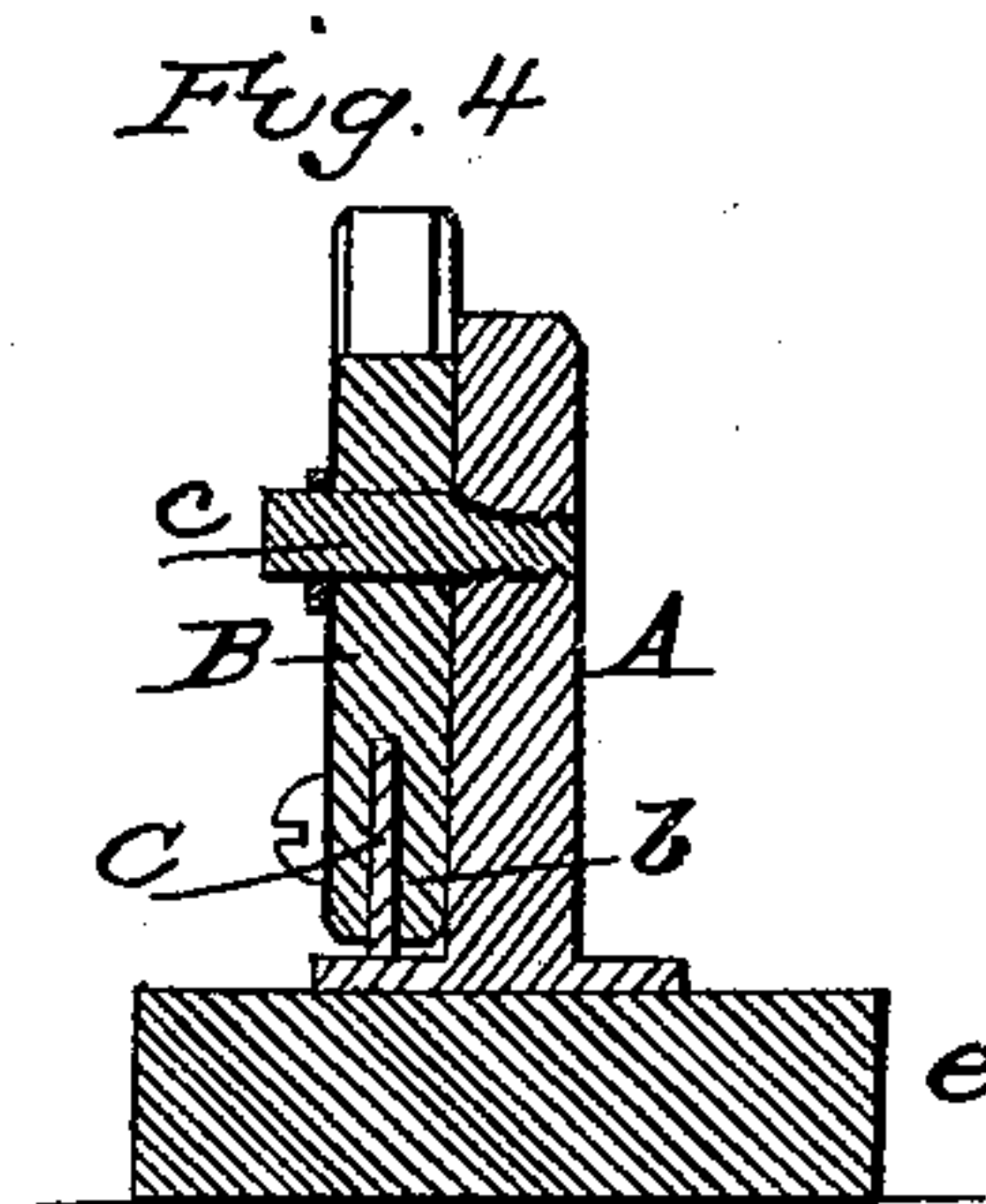
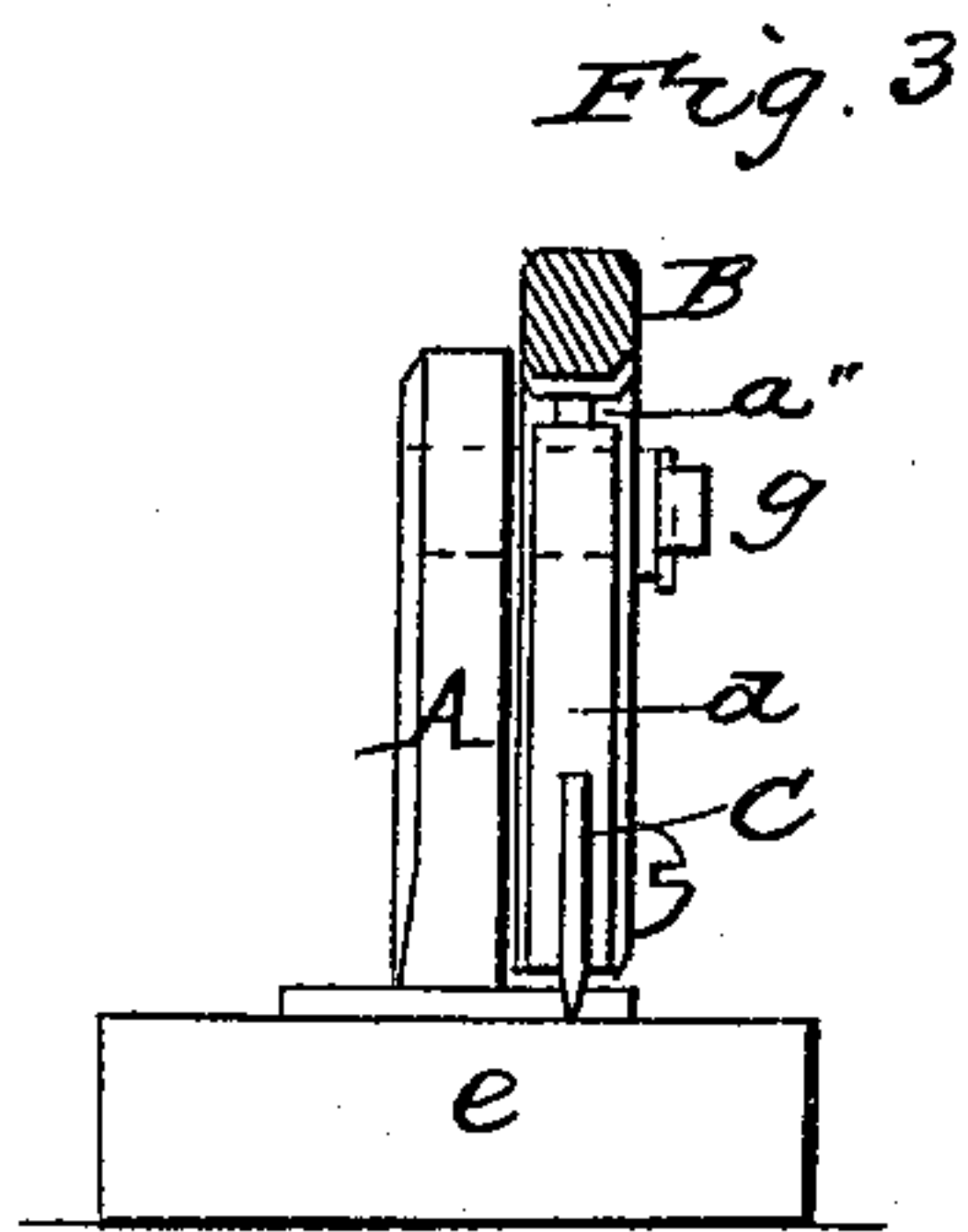


D. T. ROBINSON.

Tobacco Cutter.

No. 54,210.

Patented April 24, 1866.



Witnesses
H. E. Parker
S. J. Miller

Inventor
Daniel T. Robinson

UNITED STATES PATENT OFFICE.

DANIEL T. ROBINSON, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN MACHINES FOR CUTTING TOBACCO.

Specification forming part of Letters Patent No. 54,210, dated April 24, 1866.

To all whom it may concern:

Be it known that I, DANIEL T. ROBINSON, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Implement for Cutting Tobacco, Herbs, and Various other Substances; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 denotes a side elevation of my invention. Fig. 2 is a top view of the same, and Fig. 3 an end view of it, and Fig. 4 a vertical section on line *a b* of Fig. 1.

In the drawings, A denotes a vertical arched standard, to the front side of which, and at one end, a bent lever, B, is connected by means of a fulcrum-pin, *c*, on which it freely turns. The longer arm or handle *a* of this lever extends alongside of the upper part of the standard A and into a convenient position for being grasped by the hand of a person while operating the implement.

To the lower extremity of the shorter arm *b* of the lever B one end of a knife or cutter, C, is secured, the other end of this cutter being jointed to the lower extremity of a swinging arm, *d*, whose upper end turns freely upon a stud or pin, *g*, projecting laterally from the standard A.

The arrangement of the lever B and the arm *d* is such that on raising the handle *a* the cutter C will also be raised above the bed or table *e* of the implement a sufficient distance to allow of the introduction between them of the material to be cut. On depressing the handle *a* the cutter will be forced downward with a drawing stroke, and operate to great advantage in cutting whatever may be placed under it.

In practice it has been found that the direction of movement of the cutting stroke should vary for different articles, some requiring a more nearly vertical line of cut, while others require a more drawing direction of cut.

One advantage of my present invention is the fact that by raising or lowering the fulcrum-pin *c* relatively to the cutter C the direction of the line of cut of the said cutter may be varied. For this purpose a series of holes may be made in the arm *b* and the standard A to receive the fulcrum-pin *c*.

Another advantage of my invention is its extreme simplicity of parts and cheapness of construction.

It has been found to work admirably for cutting various articles besides tobacco or herbs, such as trimming periodicals, books, &c., and for carpenters' and model-makers' use for paring, as it cuts a true, square surface more perfectly and with much less time and labor than can be done with the ordinary paring-chisel.

I would remark that a set-screw, *a''*, may be screwed into the under side of the handle *a* and bear upon the upper part of the swinging arm *d* when the cutting-edge of the knife C is even with the upper edge of the table *e*.

Having thus described the nature and construction of my invention and its mode of operation, what I claim, and desire to secure by Letters Patent, is as follows:

The combination and arrangement of the standard A, lever B, arm *d*, and cutter C, substantially in manner and to operate as before described.

DANIEL T. ROBINSON.

Witnesses:

S. S. FULLER,
HENRY E. PARKER.