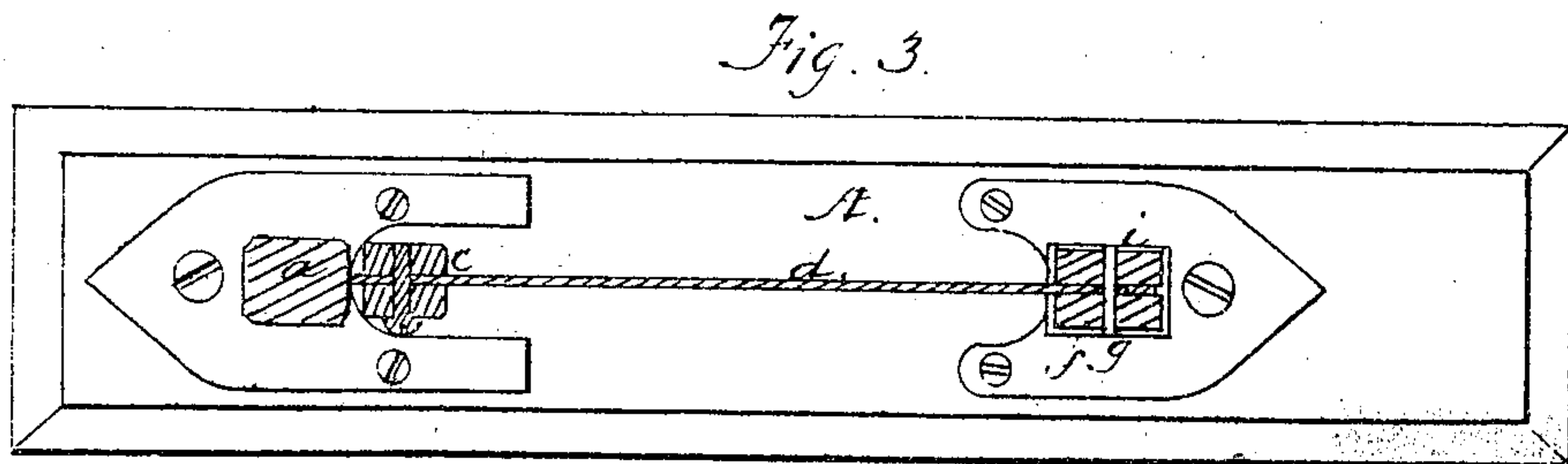
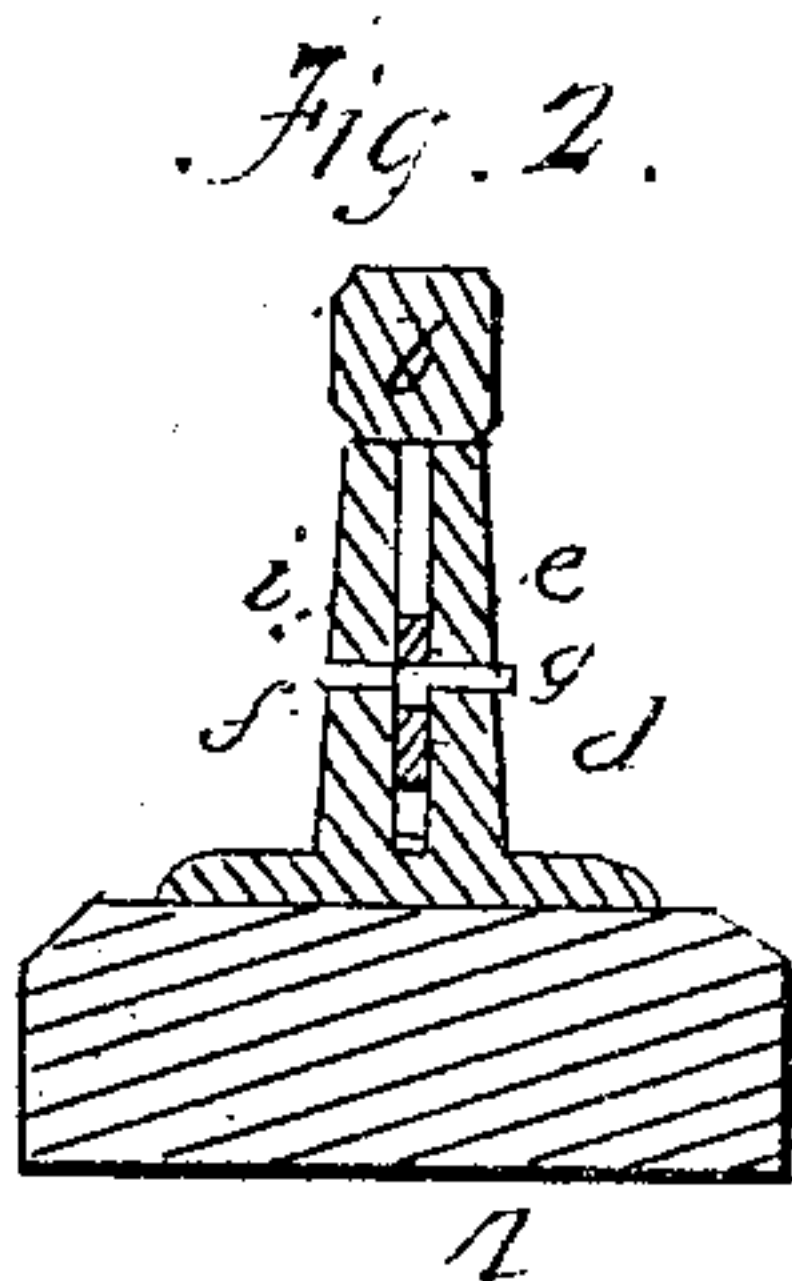
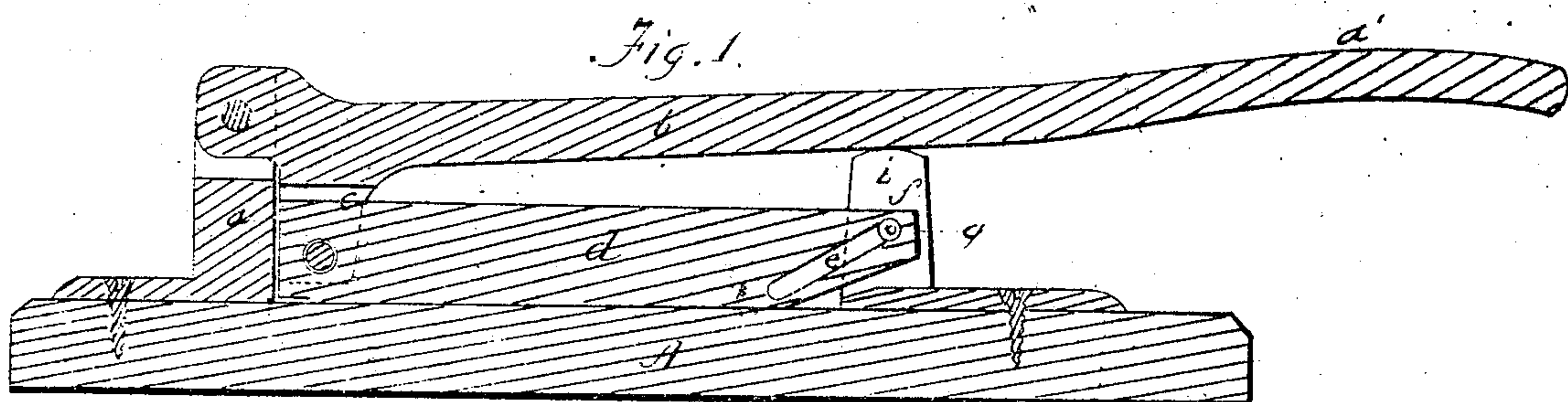


D. T. Robinson,
Tobacco Cutter.

Nº 74.248.

Patented Feb. 11. 1868.



Attest;
C. W. B. Albany
Edward Griffith.

Daniel T. Robinson.
by his Attorney
Fredrick Curtis.

United States Patent Office.

DANIEL T. ROBINSON, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 74,248, dated February 11, 1868.

IMPROVEMENT IN IMPLEMENT FOR CUTTING TOBACCO AND OTHER SUBSTANCES.

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

TO ALL TO WHOM THESE PRESENTS SHALL COME:

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

Figure 1 is a vertical and longitudinal section,

Figure 2 a vertical and transverse section, and

Figure 3 a horizontal section of my invention.

The principal objects I have sought to accomplish in this invention are simplicity and cheapness of construction, and, at the same time, effectiveness in operation.

The invention consists in a lever, pivoted, at its upper front end, to the top of a stationary standard, and having a right-angular arm depending from it, immediately in rear of its fulcrum or pivot; a knife or blade being in turn pivoted, at its front end, to the lower extremity of such arm, and having its opposite end slotted and supported by a friction-roller, in manner and to operate as hereinafter explained.

In the accompanying drawings, A denotes a block of wood, or other suitable material, having affixed to one end of its upper surface a post or standard, *a*. A long lever, shown at *b*, is pivoted at one end of the upper part of the post *a* in such a manner as to allow of vertical movements therein, the lever being constructed with an arm, *c*, depending from it, at right angles or thereabouts, immediately in rear of the post *a*, to the lower extremity of which one end of a metallic knife or blade, *d*, (sharp upon its lower edge,) is pivoted. The opposite end of the knife *d* is formed with a slot, *e*, made through an angle of thirty degrees, or thereabouts, into which slot a friction-roller, *f*, extends and supports this end of the knife, the roller *f* being supported by and revolving on a horizontal pin, *g*, passing through the upper end of a second post or guide, *i*, this post being slotted vertically, for reception of the knife, and to guide its vertical movements.

It will of course be evident that on raising the handle *a'* of the lever *b*, the knife *d* will be raised above the surface of the block or bed A, a sufficient distance to allow the introduction under it of the material to be cut. On depressing the handle, the knife descends within a direction between a vertical and horizontal one, or at such an angle as to produce a drawing-stroke, as it is termed, or one which has been found in practice the most effective for cutting tobacco, for which purpose the present invention is intended, although its principles of construction may be applied for cutting various materials.

I claim as my invention, and desire to secure by Letters Patent of the United States—

The above-described implement for cutting tobacco, consisting of the block or bed A, post *a*, lever *b*, and knife *d*, the knife being constructed with the slot *e*, and provided with the roller *f*, or its equivalent, for actuating its movements, and supported within the guide *i*, the whole being constructed and operating substantially as herein shown and described.

DANIEL T. ROBINSON.

Witnesses:

C. W. BALDWIN,

FREDERICK CURTIS.