

(No Model.)

D. L. ANDREWS.
WICK TRIMMER.

No. 476,114.

Patented May 31, 1892.

Fig. 1.

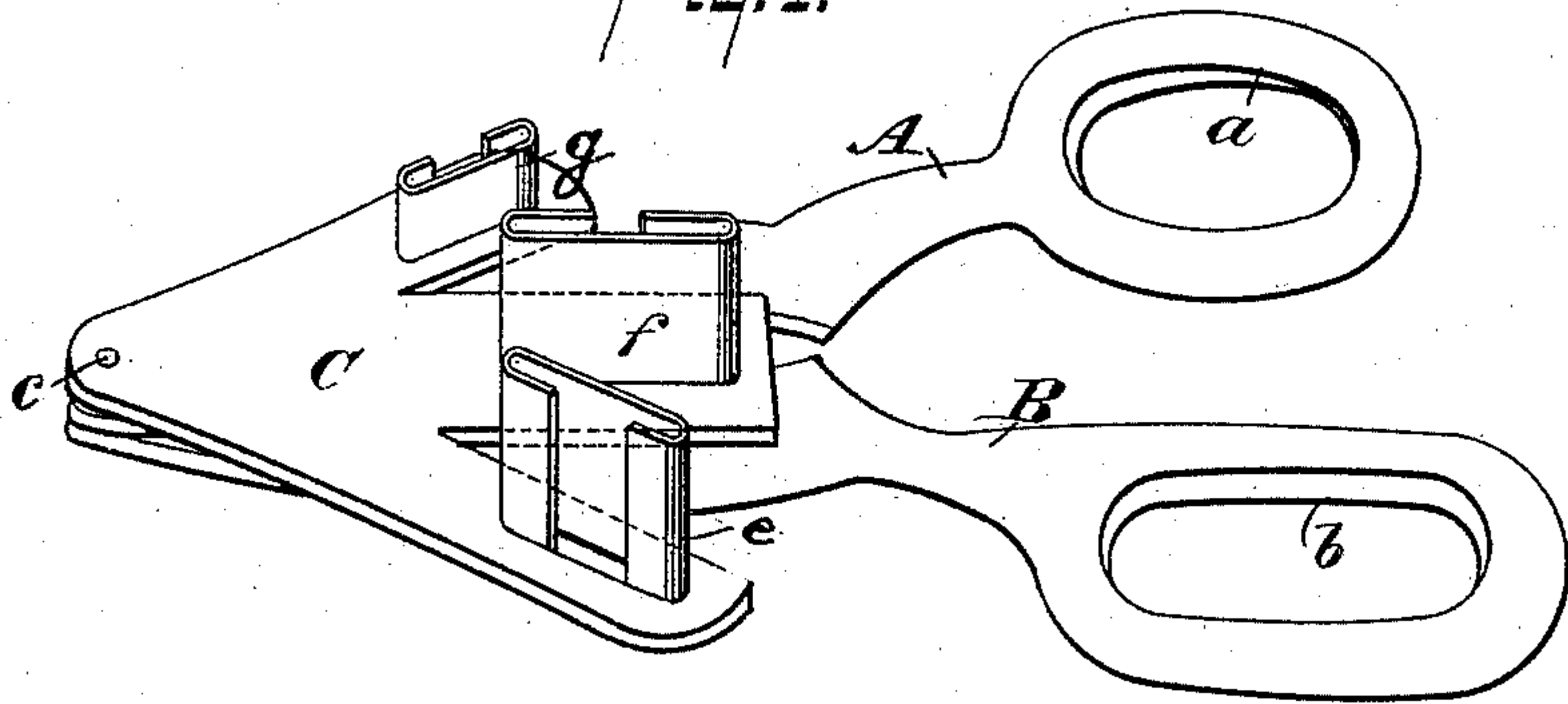


Fig. 2.

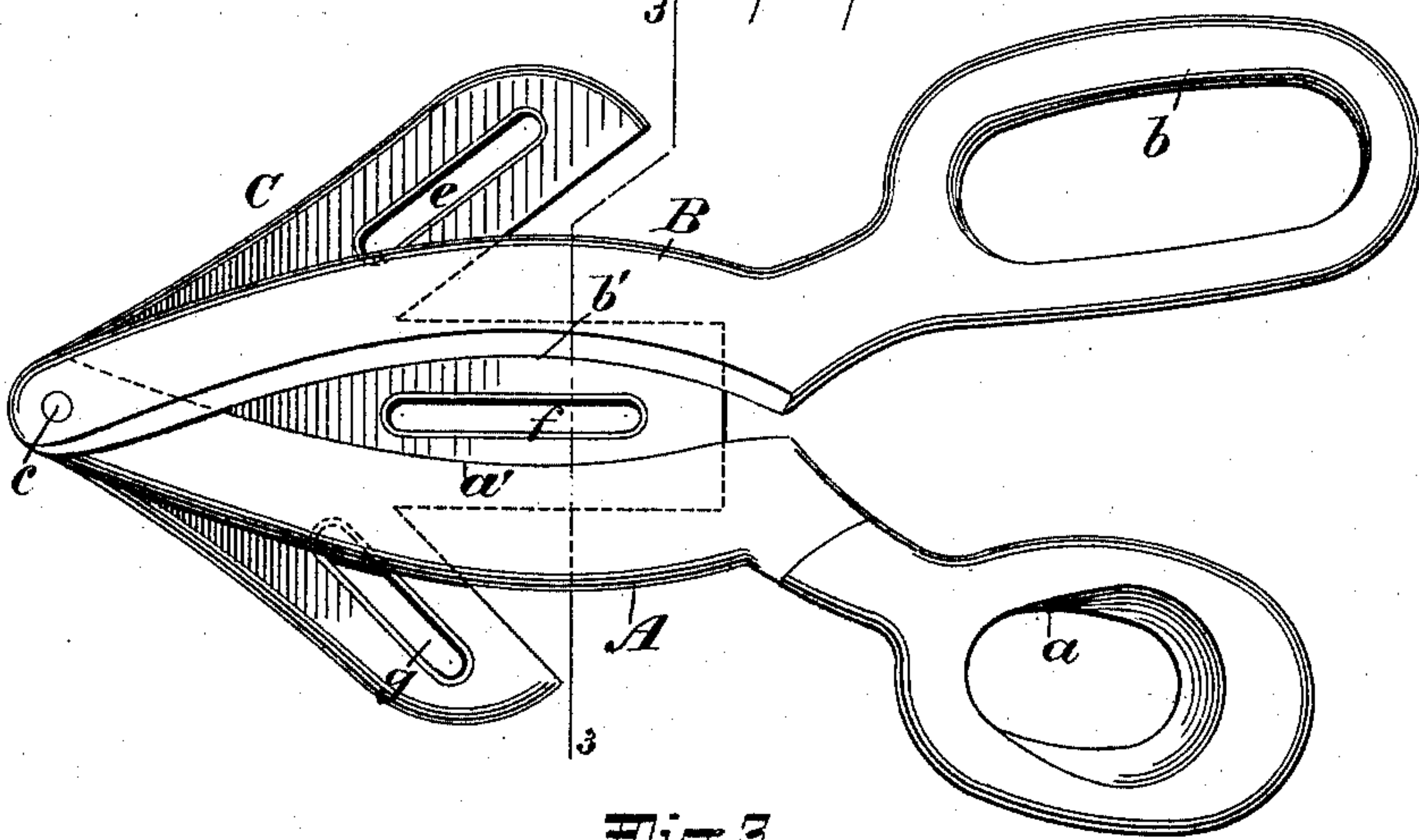
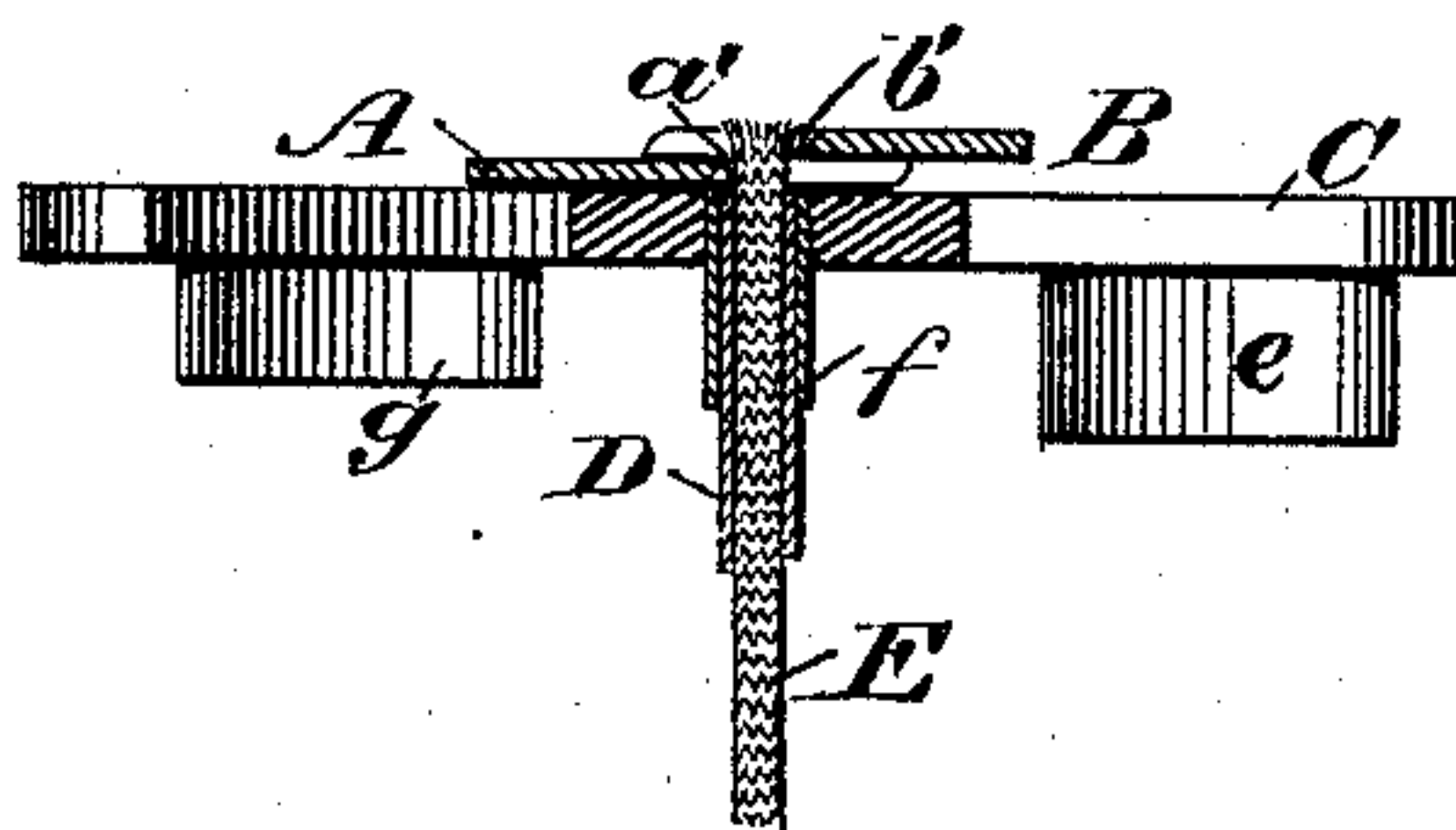


Fig. 3.



WITNESSES:

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DANIEL L. ANDREWS, OF DENISON, TEXAS.

WICK-TRIMMER.

SPECIFICATION forming part of Letters Patent No. 476,114, dated May 31, 1892.

Application filed September 5, 1891. Serial No. 404,819. (No model.)

To all whom it may concern:

Be it known that I, DANIEL L. ANDREWS, of Denison, in the county of Grayson and State of Texas, have invented a new and useful
5 Improved Wick- Trimmer, of which the following is a full, clear, and exact description.

The object of this invention is to provide a lamp-wick trimmer with adjustable guides that will afford means to retain the implement in correct position for use on lamp-wick
10 tubes of different sizes, and furthermore to furnish the wick-trimmer with blades that will shear the wick from each side edge toward the center simultaneously.

15 To these ends my invention consists in certain features of construction and combinations of parts, which will be hereinafter described and claimed.

Reference is to be had to the accompanying
20 drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is an inverted perspective view of the implement. Fig. 2 is a plan view showing the parts adjusted to receive and trim a
25 lamp-wick; and Fig. 3 is a transverse section of parts taken on the line 3 3 in Fig. 2 in position on the wick-tube of a lamp, shown broken away below.

30 The device is mainly intended to trim the flat wicks of ordinary coal-oil lamps; and it consists, essentially, of two shear cutting-blades and a guiding device. The shear-blades A B are furnished with the usual finger
35 and thumb loops *a b*, that facilitate manipulation, said blades being lap-jointed together at the outer ends. The cutting-edges *a' b'* of the blades A B are beveled oppositely, so as to cause them to have shearing contact, and
40 are given an arched form, so that when vibrated the shear cut will be effected from opposite points toward a common center. A trifid guide-plate C is provided, which is pivoted at the terminal of its main stem upon
45 the same rivet or bolt *c*, that loosely joins the shear-blades A B. The guide-plate is held by its pivot free to swing laterally below the shear-blades when these are grasped for use, and each limb of the plate is provided with a
50 depending tubular guide, as shown at *e f g*, said tubes having different widths to allow

each to fit loosely over a lamp-wick tube of different caliber. As the apertures extending through the guide-tubes *e f g* are made to correspond with slots in the limbs of the guide-plate C, to which they are affixed, it will be
55 apparent that any one of the tubes mentioned may be slid over a lamp-wick tube it will loosely fit, and thus serve to sustain the blades A B at right angles to the wick-tube D, so
60 that the lamp-wick E, that is projected above said tube, may be cleanly cut by a vibration of the shear-blades, it being understood that the guide-plate C should be properly adjusted to locate the engaged guide-tube below the
65 cutting-edges of the blades A B, as shown in Fig. 3.

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

70 1. A wick-trimmer comprising two parallel shear-blades A B, overlapped and pivoted together at their points or outer ends, formed with handles *a b* at their inner ends and formed with concave cutting-edges *a' b'* be-
75 tween their pivotal point and the handles, substantially as set forth.

2. A wick-trimmer comprising a flat plate provided with a guide-slot to receive the wick and a pair of blades pivoted upon the plate
80 parallel therewith and adapted to have their cutting-edges register with the said slot to cut off the wick projecting therethrough, substantially as set forth.

3. A wick-trimmer comprising a pair of
85 shears and a plate pivoted to the shears by the pivot thereof and formed with a series of wick-guiding slots converging at their ends nearest the said pivot, substantially as set forth.

90 4. In a wick-trimmer, the combination, with a pair of lap-jointed shear cutting-blades pivoted together at their outer ends, of a trifid guide-plate pivoted on the fulcrum of the shear-blades and provided with a depending
95 guide-tube on each limb of the guide-plate, said tubes having different widths, substantially as described.

DANIEL L. ANDREWS.

Witnesses:

JACOB C. EVANS,
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