

D. B. ALTENDERFER & J. C. WRIGHT.

Lamp-Trimmers.

No. 153,921.

Patented Aug. 11, 1874.

Fig. 1.

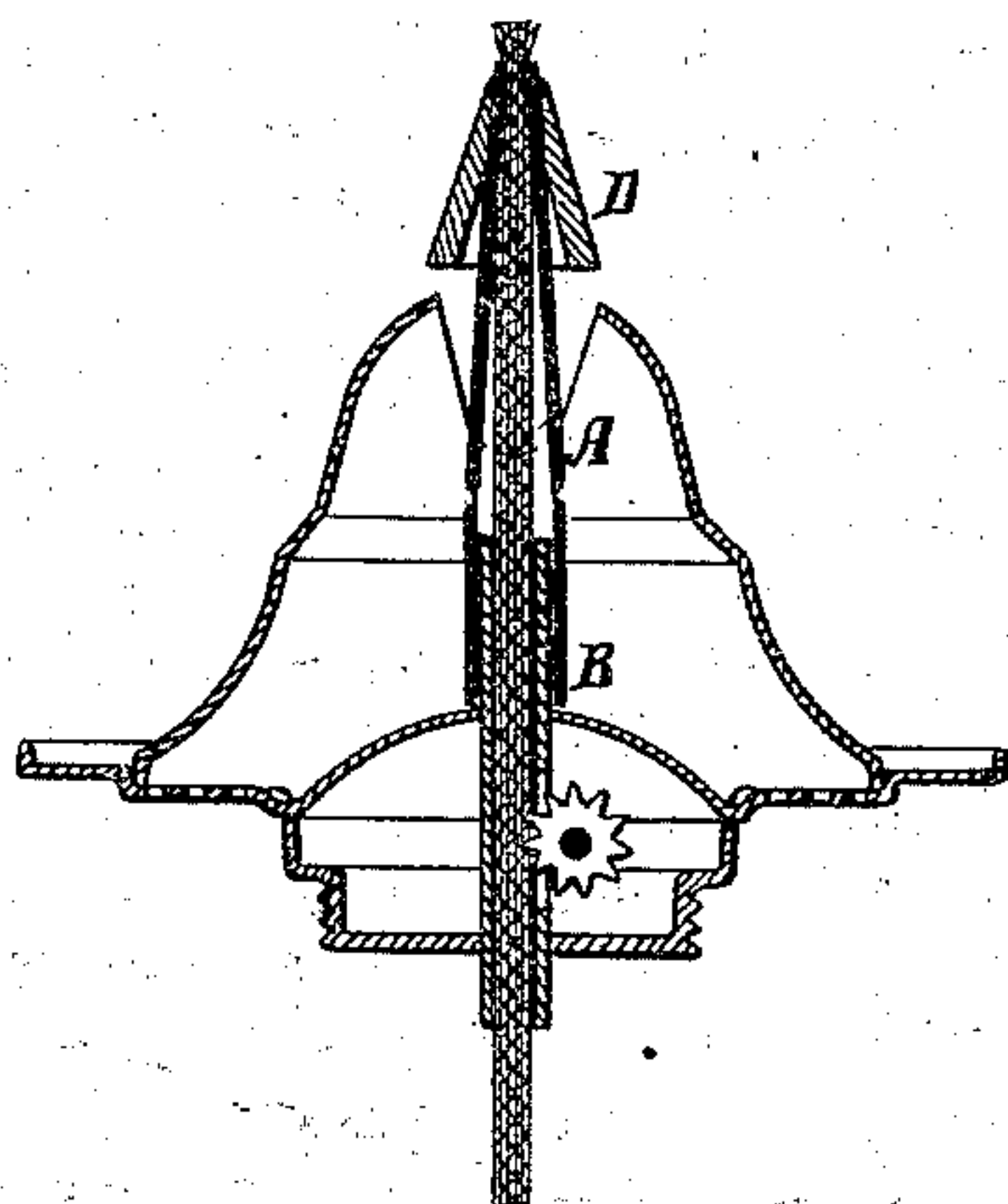


Fig. 2.

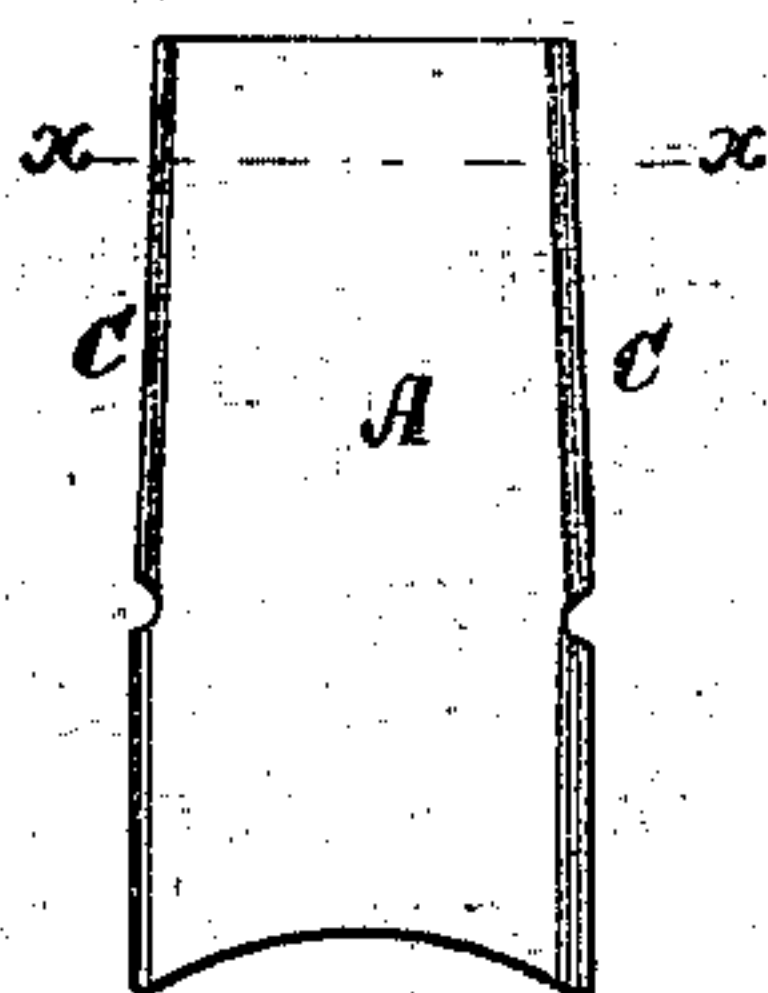
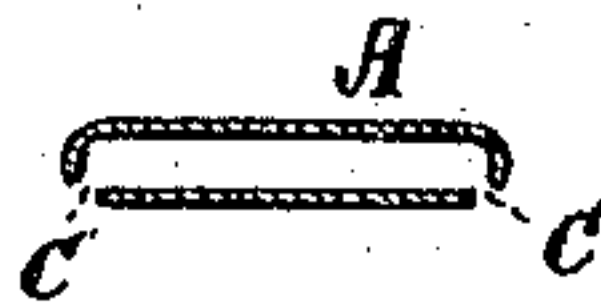


Fig. 3.



Fig. 4.



WITNESSES:

A. Benneken
Sedgwick

INVENTOR:

D. B. Altenderfer
J. C. Wright
BY *Munnell*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

DANIEL B. ALTENDERFER AND JOSEPH C. WRIGHT, OF MONOCACY FURNACE, PENNSYLVANIA.

IMPROVEMENT IN LAMP-TRIMMERS.

Specification forming part of Letters Patent No. **153,921**, dated August 11, 1874; application filed July 3, 1874.

To all whom it may concern:

Be it known that we, DANIEL B. ALTENDERFER and JOSEPH C. WRIGHT, of Monocacy Furnace, in the county of Berks and State of Pennsylvania, have invented a new and Improved Lamp-Trimmer, of which the following is a specification:

Our invention consists of an extension wick-tube adapted to be temporarily applied to the permanent tube of a lamp to extend it above the cone, said tube having its edges split for a short distance down from the top, so that the sides can be pressed together, through which tube the wick is raised so as to project above the top about as much as it is required to be cut off, to be firmly compressed between the sides to hold it for trimming by another shorter tube, with converging inside walls, said tube being so adjusted that when put on the top of the extension-tube and pressed down till its upper end falls a little below the top of the other it will spring the sides firmly onto the wick, and thus hold it securely for trimming, which is done with suitable lamp-trimming scissors, using the top of the extension-tube as a guide, said top being perfectly straight or slightly convex, as may be desired. Lamp wicks can be readily cut straight and true with the ordinary scissors, provided they are held sufficiently tight in a suitable clamp, which we have thus provided in a very simple way, so that all using lamps may, at a very slight expense, always have the means of quickly and successfully performing the work.

Figure 1 is a sectional elevation of a burner with our improved trimmer applied. Fig. 2 is a side elevation of the extension-tube. Fig. 3 is a side elevation of the clamping-tube; and Fig. 4 is a horizontal section of the extension-tube, taken on the line *xx* of Fig. 2.

Similar letters of reference indicate corresponding parts.

A represents the tube for temporarily ex-

tending the wick-tube above the cone of the lamp for holding the wick to be trimmed, said tube being of suitable size to fit snugly at the lower end on the lamp wick-tube B, so as to hold on it by friction, and in the upper portion being split at the edges C from the top downward half an inch or more to allow the sides to be pressed firmly against the wick. D is the tube with the inner walls converging to a point a little above the top, and otherwise fitted snugly to the upper portion of the tube A, so that by pressing it down thereon it will spring the sides of A so as to nip the wick tight at the point where it projects above them, and they will serve for a guide to the trimming scissors, with which any unskilled person will hardly fail of accurately cutting off the wick, so that it will burn true.

The extension-tube may have a flange at the bottom at right angles to the length to allow of fastening a chain, also to aid in keeping it perpendicular. The outside tube or compressor may be made of thin sheet metal with a jacket folded back or down from the top at an acute angle with the body for connecting with extension-tube by the aforesaid chain, so that the two can be kept together. This flange or jacket will not extend downward more than half the length of the tube. It will also afford a convenient means of taking hold by the fingers to pull the compressor off from the extension-tube.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The tube D, tapering toward the top, combined with a flat tube, A, having the slits C C, as and for the purpose described.

DANIEL B. ALTENDERFER.
JOSEPH C. WRIGHT.

Witnesses:

EDGAR S. COOK,
ALFRED WATERS.