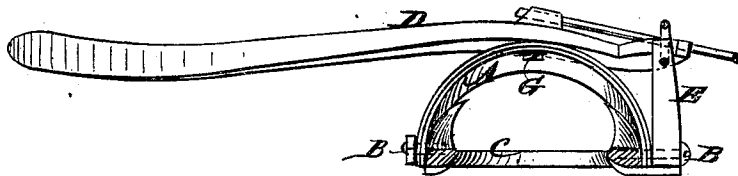


J. BANNIER.  
LAMP-WICK TRIMMERS.

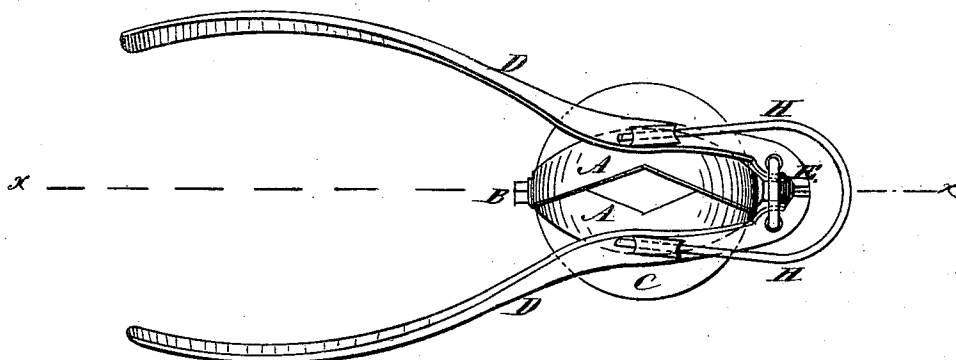
No. 179,504.

Patented July 4, 1876.

*Fig. 1*



*Fig. 11*



WITNESSES:

*C. Verma*  
*John Goethals*

INVENTOR:

*J. Bannier*

BY

*Wm. H. ...*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JOHN BANNIER, OF HEMPSTEAD, ASSIGNOR TO HIMSELF AND WILLIAM LORENZ, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN LAMP-WICK TRIMMERS.

Specification forming part of Letters Patent No. 179,504, dated July 4, 1876; application filed June 12, 1876.

*To all whom it may concern:*

Be it known that I, JOHN BANNIER, of Hempstead, Queens county, New York, have invented a new and Improved Lamp-Wick Trimmer, of which the following is a specification:

My invention consists of shear-cutters contrived to cut alike and at the same time from both edges of the wick to the center, whereby the wick is trimmed better and more uniformly than when cut across from one edge to the other, the action being such that the wick is not forced away from the cutters and cut irregularly, as is the case with the common cutters; and it also consists of a gage in combination with the cutters by which the trimmer can be steadied on the burner, and the wick can be trimmed a certain definite length above the burner.

Figure 1 is a sectional elevation of my improved trimmer taken on the line *xx*, Fig. 2. Fig. 2 is a plan view.

Similar letters of reference indicate corresponding parts.

A represents the cutters, which may be curved, as shown, for trimming the wick in curved form for an oval burner, or they may be flat on the top for cutting square across the wick; but in either form they are extended down at the ends a suitable distance below the point of cutting, and pivoted together at both ends, B, and also pivoted to a support-

ing-ring, C, that rests on the burner some distance below the top for a steadying-support, and for a gage to govern the height of the cutting above the top of the burner. D represents the levers for working the cutters. They are pivoted to the standard E mounted on the ring C, and are connected to the cutters at the center between the pivots B by pivots G. The edges of the cutters are shaped in the form of two sides of a triangle, the apex of which is at the center of the cutters lengthwise, thus enabling them to shear-cut the wick from its edges to its center. H is a spring for opening the cutters. When the ring-base is not used, the levers may be pivoted together at the ends for a fulcrum.

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

1. The bow-shaped cutters A, having angle-edges, and being pivoted together at the ends, in combination with levers D pivoted to them at the middle, and also pivoted to a fulcrum, E, substantially as specified.

2. The ring-base C, in combination with cutters A and levers D, substantially as specified.

JOHN BANNIER.

Witnesses:

AUGUSTUS MYERS,  
EDWIN A. S. MARSH.