

J. Ives.

Lamp Snuff Tray.

N^o 67,309.

Patented Jul. 30, 1867.

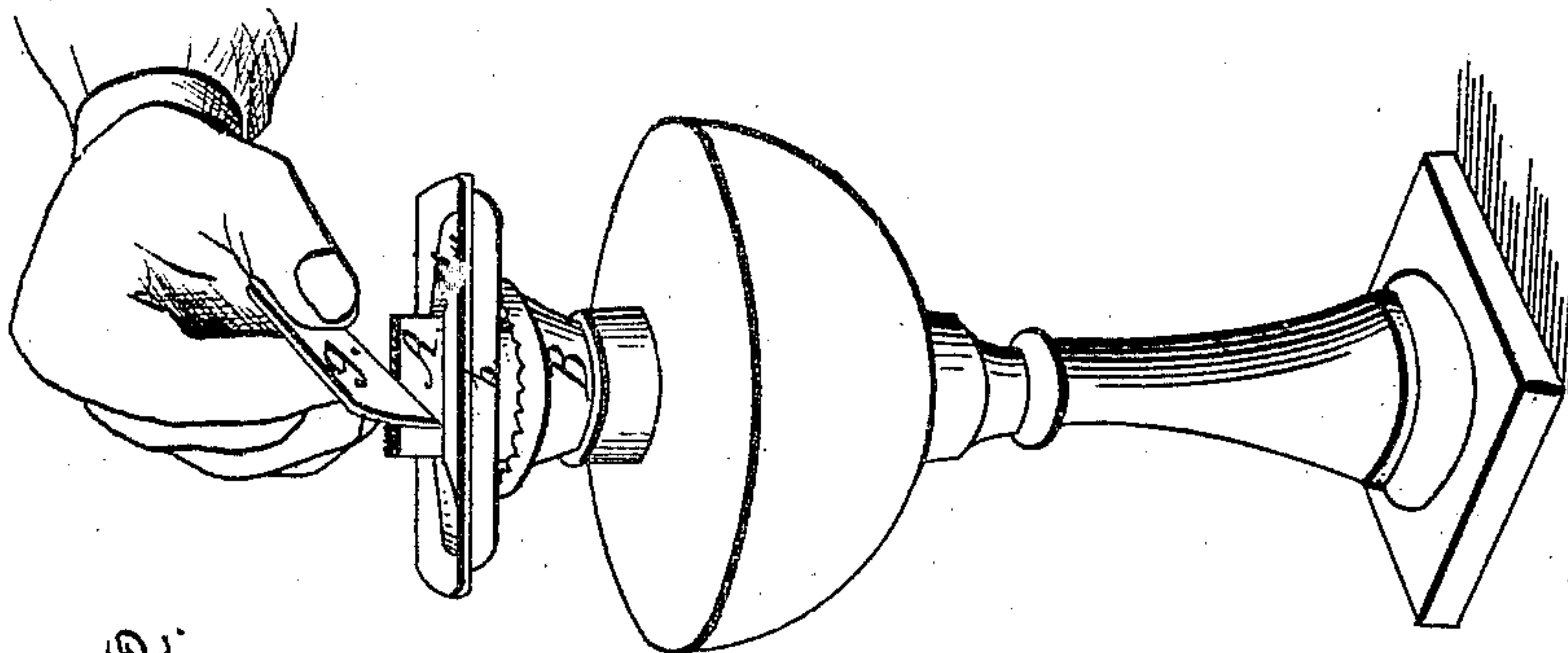


Fig. 2.

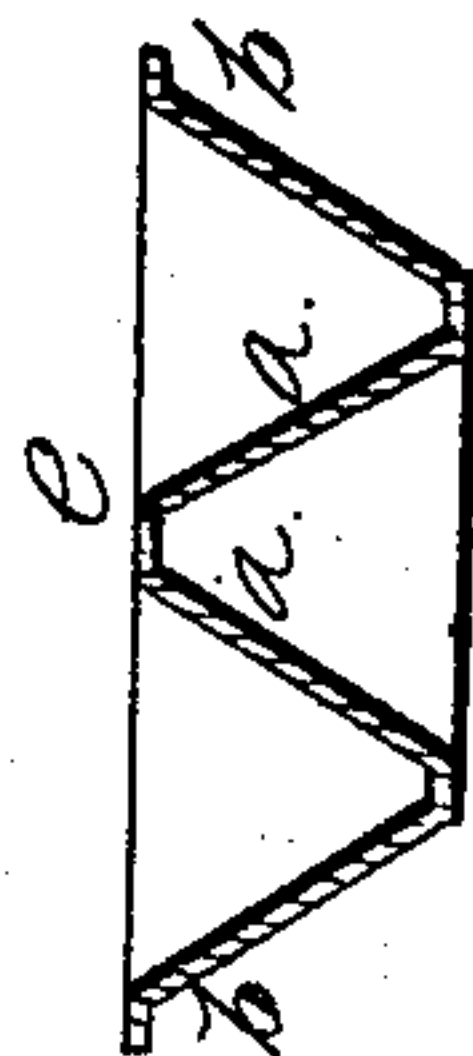


Fig. 3.

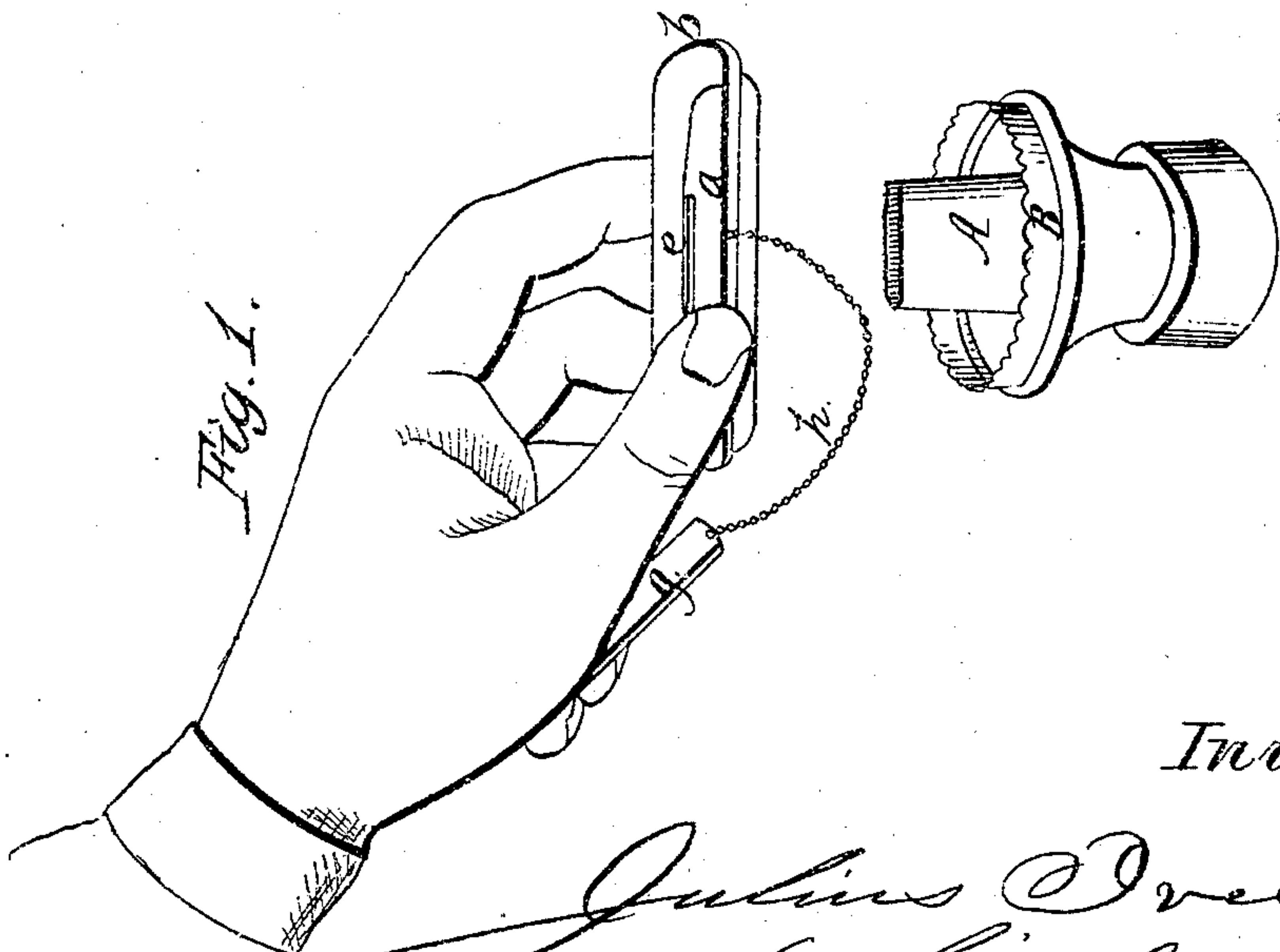


Fig. 1.

Inventor

Witnesses.

Walter Huchman

Julius Ives
by his agent
Marion H. H. H. H.

United States Patent Office.

JULIUS IVES, OF BROOKLYN, NEW YORK.

Letters Patent No. 67,309, dated July 30, 1867.

IMPROVED DEVICE FOR SNUFFING LAMPS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JULIUS IVES, of Brooklyn, in the county of Kings, and State of New York, have invented a Lamp Snuff-Tray; 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 is a perspective view, showing the improved snuff-tray in the act of being applied to a wick-tube.

Figure 2 is a perspective view, showing the tray applied to the wick-tube of a lamp.

Figure 3 is a cross-section through the tray.

Similar letters of reference indicate corresponding parts in the three figures.

This invention relates to a new and useful device which is designed for use in trimming or clearing the snuff from lamp-wicks. Experiment has demonstrated to me the fact that lamp-wicks should not be cut with scissors, and that, in order to have a regular flame, which will not smoke the lamp-chimneys, the snuff should be scraped from the wick by means of a piece of metal drawn over the top of the wick-tube until the wick presents an even edge.

The object of my invention is to provide a tray which will fit over the wick-tube of a lamp when the cone is removed, and receive the charred snuff which is scraped from the wick, thereby preventing the snuff from getting into the burner; and, in conjunction with such a tray, it also consists in a thin plate or blade, which is adapted for scraping the snuff from the wick, as will be hereinafter described.

To enable others skilled in the art to understand my invention, I will describe its construction and operation.

In the accompanying drawings I have shown the improved tray and its scraper attached together by means of a chain, so that the two will be always handy and ready for use. The tray is made of a piece of sheet metal, stamped into shape between dies which are adapted for the purpose. This tray consists of a central pyramidal portion, *a*, terminating at its apex in an oblong slot, *c*, of such size in length and width as will allow a wick-tube, *A*, of a lamp-burner, *B*, to pass through it, so that the tray, when in use, will rest upon the gallery *B* of the lamp-burner, as shown in fig. 2. Surrounding the base of this pyramidal portion *a* is a flange, *b*, which flares outward, and forms a receptacle for receiving the snuff as it is scraped from the wick, thereby preventing the snuff from getting into the burner, from which latter it could not be readily removed. This tray may be made of thin sheet brass or tinned iron; or, if desirable, it may be cast of brass, iron, spelter, or other metal. I prefer to produce the trays of sheet metal by means of dies, as in this case scrap metal can be utilized for the purpose, and the articles furnished to the market for a very small cost. To this tray I attach a thin metal blade, *g*, by means of a chain, *h*, which latter is of sufficient length to allow of the free use of the blade for scraping the wick, as shown in fig. 2.

The tray being placed over the wick-tube, and rested upon the burner, as shown in fig. 2, the edge of blade *g* is presented to the snuff, and the latter scraped into the tray, previous to which the wick should be adjusted so as to expose beyond the edge of the wick-tube only that portion of the charred wick which will readily scrape off. By this mode of trimming a lamp-wick the upper edge of the tube will serve as a guide for the scraper or blade *g*, so that almost any person can trim a lamp with correctness, and without wasting the wick.

I do not confine my invention to the use of metal in the manufacture of the wick-trays, as other suitable substance may be employed; nor do I confine myself to the combination of the blade *g* with the tray. I prefer to have the scraper or blade *g* attached to and accompanying the tray, as described, merely for convenience. Nor do I confine my invention to the precise form of the tray shown in the drawings, as it will serve a very good purpose if made in the form of a saucer with a slot through its centre.

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

1. A snuff-tray which is adapted for being applied to the burner of a lamp for the purpose of receiving the snuff during the act of trimming the lamp-wick, substantially as described.
2. The combination of a snuff-tray and scraper, substantially as described.

JULIUS IVES.

Witnesses:

JOHN F. BAKER,
W. D. CARSON.