

T. D. PARSONS.
Lamp-Burner.

No. 164,932.

Patented June 29, 1875.

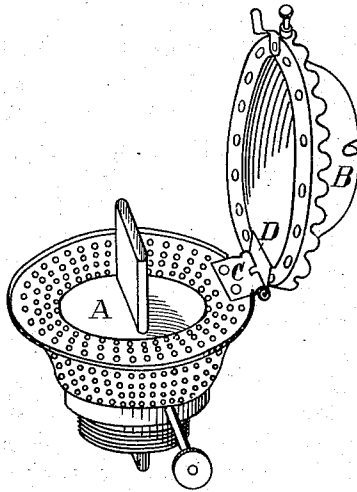


Fig. 1.

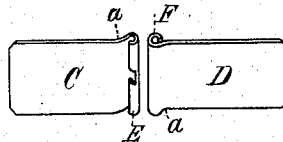


Fig. 2.

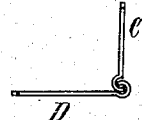


Fig. 3.

Witnesses;
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Inventor;
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Att'y.

UNITED STATES PATENT OFFICE.

THOMAS D. PARSONS, OF BRISTOL, CONN., ASSIGNOR OF ONE-HALF HIS
RIGHT TO GEORGE E. REED, OF SAME PLACE.

IMPROVEMENT IN LAMP-BURNERS.

Specification forming part of Letters Patent No. **164,932**, dated June 29, 1875; application filed
May 17, 1875.

To all whom it may concern:

Be it known that I, THOMAS D. PARSONS, of Bristol, in the county of Hartford, State of Connecticut, have invented a certain new and useful Improvement in Lamp-Burners; of which the following is a description sufficiently full, clear and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is an isometrical perspective view, representing my improved hinge in use. Fig. 2, a sectionalside elevation; and Fig. 3, a vertical longitudinal section enlarged.

Like letters of reference indicate corresponding parts in the different figures of the drawing.

My invention relates more especially to that class of hinges which are used in lamp-burners, and consists in a novel construction and arrangement of the parts as hereinafter more fully set forth and claimed, by which a very simple, cheap, and effective device of this character is produced.

The nature and operation of my improvement will be readily obvious to all conversant with such matters, from the following description:

In the drawing, A represents the base of an ordinary lamp-burner; B the chimney-holder or cone, and C D the hinge. The hinge consists of two flat metallic plates, having their ends bent or formed into corresponding scrolls, and hooked together or interlocked, as best shown in Fig. 3. The scroll on the plate C is slightly smaller than that on the plate D, and the two scrolls are so formed as

to be united only by slipping the scroll on the part D laterally into that on the part C.

The plates of which the hinge is composed are bent near the scroll at *a a*, in such a manner as to give the curved portion or scroll of the part D greater play than it would otherwise have, and also to prevent longitudinal movements of the parts when the hinge is closed.

It will be obvious that in a hinge of this construction no pintle or journal bolt is necessary; also that when the plates are opened or separated, as in Figs. 1 and 3, or so as to bring the same at nearly right angles to each other, the joint will form its own "stop"—that is to say, the extreme end F of the scroll on the part D will turn in the scroll E of the part C until it is caught and stopped thereby. This feature of the invention renders it especially adapted to lamp-burners, in which it is desirable to control the movements of the chimney-holder.

Having thus described my invention, what I claim is—

1. The plate C, provided with a scroll, E, in combination with the plate D, provided with the scroll F, substantially as and for the purpose set forth.

2. In a lamp-burner, the base A, and chimney-holder B, united by a hinge composed of the plates C D, provided with the scrolls E F, constructed and arranged to operate substantially as and for the purpose set forth and specified.

THOMAS D. PARSONS. [L. S.]

Witnesses:

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