G. RICHARDS.

LAMP-CHIMNEY FASTENINGS.

No. 191,884. Patented June 12, 1877.

Fig. 1.

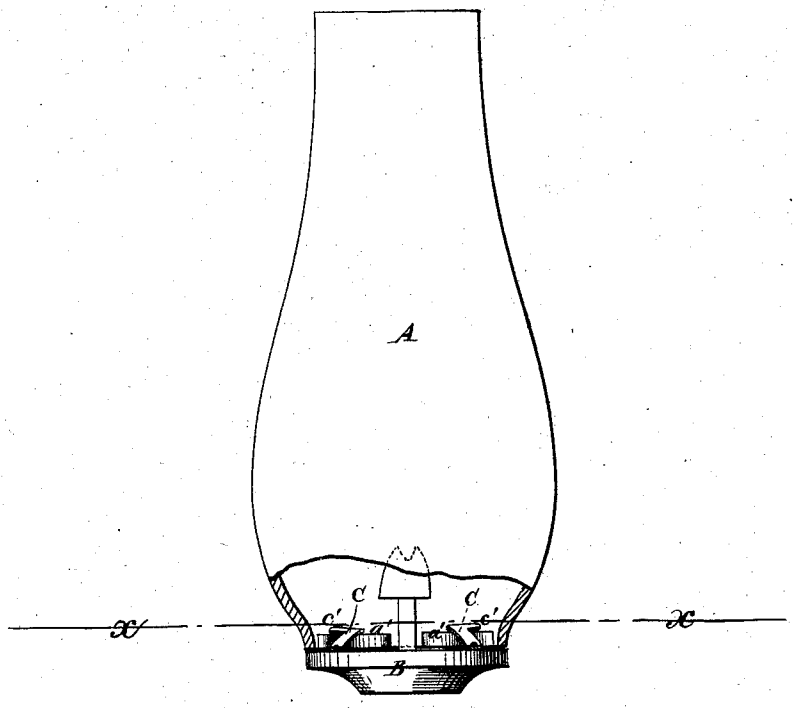
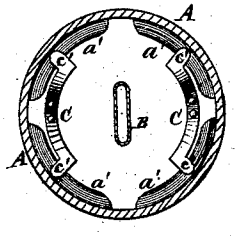


Fig. 2.



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UNITED STATES PATENT OFFICE.

GEORGE RICHARDS, OF FLATBUSH, NEW YORK.

IMPROVEMENT IN LAMP-CHIMNEY FASTENINGS.

Specification forming part of Letters Patent No. **191,884**, dated June 12, 1877; application filed May 21, 1877.

To all whom it may concern:

Be it known that I, GEORGE RICHARDS, of Flatbush, in the county of Kings and State of New York, have invented a new and useful Improvement in Lamp-Chimney Fastening, of which the following is a specification:

Figure 1 is a side view of a lamp-chimney and part of a burner to which my improvement has been applied, part being broken away to show the construction. Fig. 2 is a cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved device for securing lamp-chimneys to burners, which shall be simple in construction, convenient and safe in use, and which shall have no projecting part around the lower part of the chimney to obstruct the light or cast a shadow.

The invention consists in the inwardly-projecting notched or sectional flange formed around the lower edge of a lamp-chimney to receive springs attached to the top plate of the burner; and in the springs attached to the top plate of a lamp-burner, and having outwardly-projecting lugs formed upon their ends to overlap an inwardly-projecting flange of a lamp-chimney, as hereinafter fully described.

A represents a lamp-chimney, having an inwardly-projecting flange, *a'*, formed around its lower edge, which flange *a'* is notched or is made in four sections, as shown in Fig. 2. B is the burner, to the top plate of which are attached the middle parts of two springs, C, the end parts of which project upward and have outwardly-projecting lugs *c'* formed upon their ends to overlap the flanges *a'* of the chimney A.

With this construction the chimney A is placed upon the burner B in such a position that the lugs *c'* of the springs C may pass through the notches of the flange *a'*. The chimney A is then turned partly around to bring the lugs *c'* over the flange *a'*, as shown in Fig. 2.

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

1. The inwardly-projecting notched or sectional flange *a'*, formed around the lower edge of a lamp-chimney to receive springs attached to the top plate of the burner, substantially as herein shown and described.

2. The springs C, attached to the top plate of a lamp-burner, and having outwardly-projecting lugs *c'* formed upon their ends to overlap an inwardly-projecting flange of a lamp-chimney, substantially as herein shown and described.

GEORGE RICHARDS.

Witnesses:

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