(No Model.)

W. H. BRIGGS.

LAMP COUPLING.

No. 343,159. Patented June 8, 1886.

Fig. 1.

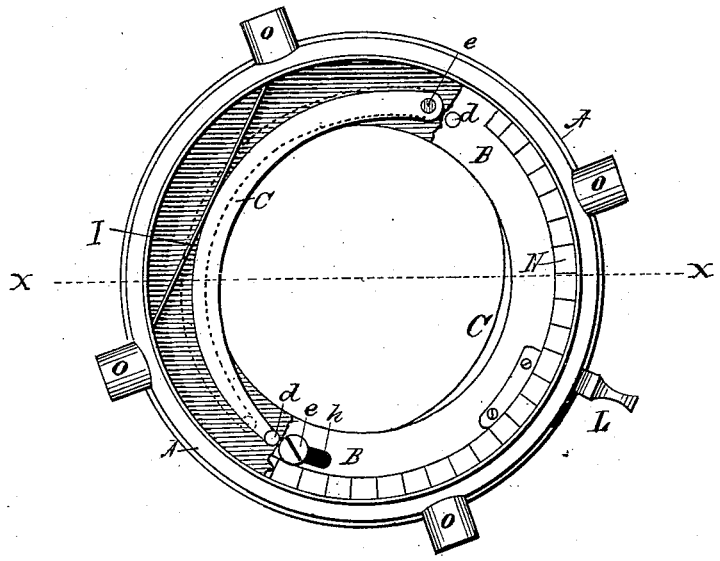


Fig. 2.

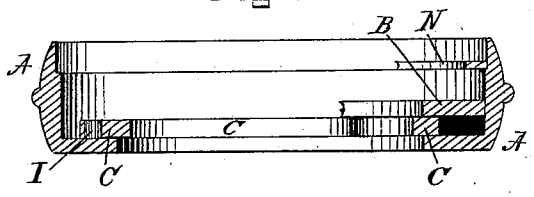
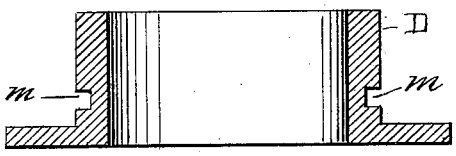


Fig. 3.



Attest

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UNITED STATES PATENT OFFICE.

WILLIAM HENRY BRIGGS, OF BOND HILL, OHIO, ASSIGNOR TO POST & CO.

LAMP-COUPLING.

SPECIFICATION forming part of Letters Patent No. 343,159, dated June 8, 1886.

Application filed December 18, 1885. Serial No. 186,102. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HENRY BRIGGS, of Bond Hill, Hamilton county, and State of Ohio, have invented a new and useful Improvement in Lamp-Couplings, of which the following is a full, clear, and exact specification, reference being had to the accompanying drawings, forming part of this statement of invention, in which—

Figure 1 is a plan view of part of my coupling. Fig. 2 is a vertical section through the line *x x*, Fig. 1. Fig. 3 is a sectional view of the lower or lamp-globe ring of my coupling.

Similar letters of reference in the several drawings denote the same parts.

My invention consists in certain details of construction, as hereinafter described and pointed out in the claims, the object being to provide a simple lamp-coupling which will work without friction.

A is the ring-frame.

B is a lever-ring having slots *h*, and secured to the bottom flange of the ring-frame by screws *e*, which occupy the slots *h*.

L is the lever of the ring B, passing through the bracket-ring or ring-frame A, which is slotted for this purpose.

C are my clamping-jaws, hinged to the screws *e* at one end, and at the other end they are hinged by pins *d* to the lever-ring B.

I are springs stretched across the path of the jaws within the space between the two rings secured to the ring-frame, and bearing on the jaws to press the latter into engagement with the groove *m* in the ring D, to which the globe is attached.

O are bracket-lugs on the ring-frame.

N is a ring having radial scallops fitting into the ring-frame down upon the screws *e*. This ring is not of my invention.

To operate the device, the lever is drawn back as far as the slot in the ring-frame will permit. The lever-ring by this means is partly revolved. The clamping-jaws C, actuated by the lever-ring, are brought flush with the interior faces of the frame A and ring B. The ring D is next inserted in the frame A and ring B until the groove *m* on the ring D comes opposite the jaws C. The lever-ring is now returned to its first position, and the jaws are pressed into the groove *m* by the springs I.

It will be apparent that the jaws, being held in clamping position by the springs I, may be forced back by inserting the ring D, the lever-ring B being used, principally, to release the ring D.

The improvement in construction for securing the lever-ring herein shown and described, but not claimed, by which the upper ring previously employed for holding the lever-ring to its seat on the ring-frame can be dispensed with, is shown, described, and claimed in another application, No. 184,645, filed December 3, 1885.

I claim—

1. The combination, with a ring-frame and lever-ring, of the clamping-jaws hinged at one end to the ring-frame and at the other end to the lever-ring, and springs bearing on the clamping-jaws, substantially as set forth.

2. The combination of the ring-frame A, lever-ring B, screws *e*, by which the lever-ring is secured to the ring-frame, jaws C, hinged at one end to the screws, pins *d*, by which the other end of the jaws are hinged to the lever-ring, and the springs I, stretched across the space between the ring-frame and lever-ring and bearing on the jaws, substantially as set forth.

The foregoing specification of my invention signed by me this 15th day of December, A. D. 1885.

WILLIAM HENRY BRIGGS.

Witnesses:
JEPTHA GARRARD,
P. J. CADWALLADER.