(No Model.)

# R. CARTWRIGHT.

## Combined Stand and Bracket Lamp.

No. 234,245. Patented Nov. 9, 1880.

Fig. 1.

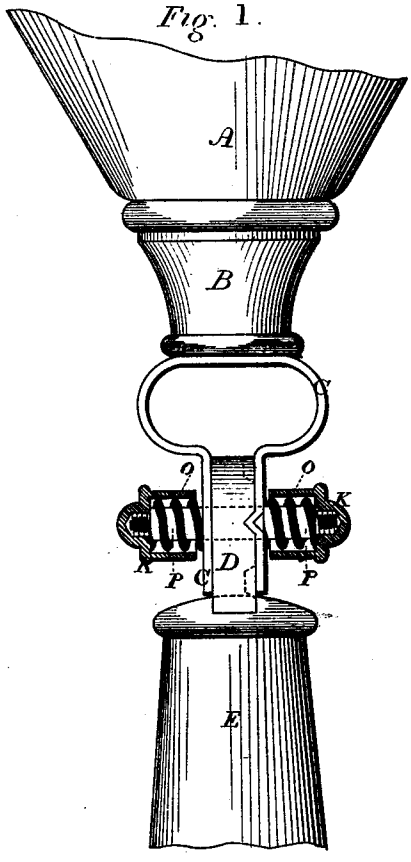
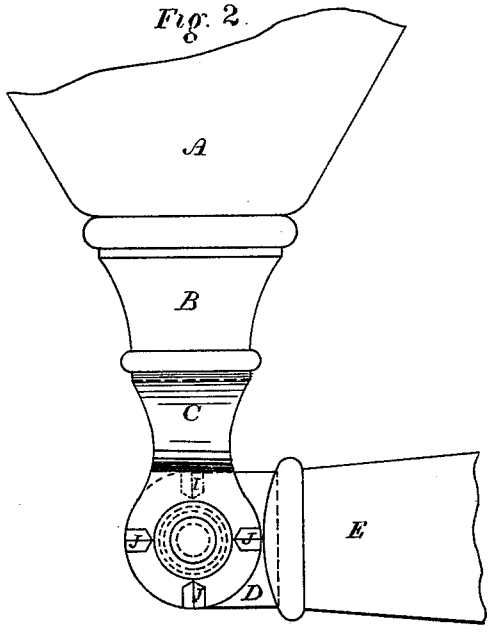



Fig. 2.



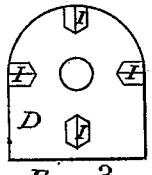




Fig. 3

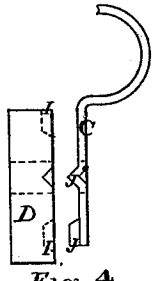



Fig. 4

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# UNITED STATES PATENT OFFICE.

ROBERT CARTWRIGHT, OF ROCHESTER, NEW YORK.

## COMBINED STAND AND BRACKET LAMP.

SPECIFICATION forming part of Letters Patent No. 234,245, dated November 9, 1880.

Application filed April 19, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, ROBT. CARTWRIGHT, of Rochester, in the county of Monroe and State of New York, have invented a new and useful Improvement in Combined Stand and Bracket Lamps, whereby the change is effected from a stand to a bracket lamp (or vice versa) in a simple manner without recourse being had to any device that requires forethought in its accomplishment, and which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side view of a lamp with joint, and arranged as a stand-lamp. Fig. 2 is a side view of the joint arranged as a bracket-lamp. Figs. 3 and 4 are views of details, which will be fully comprehended in the following specification.

The object of my invention is to furnish a device which, while being perfectly secure and artistic, will enable any person to change from one to the other of stand or bracket lamps without being obliged to search for and understand the operation of said improvement, it being capable of being turned in either direction on the center-pin P.

In the drawings, A represents the oil-fount of the lamp, usually of glass. B represents a metal socket, wherein the lamp is fastened by means of plaster-of-paris. C is a yoke, which consists of a flat metal strap bent double in U form. The closed end is attached in any desired manner to the bottom of socket B, while the free ends extend downward and rest on opposite sides of a stud, D, which is attached fast to the top of the lamp-standard or is made solid with it. The stud D is simply a block squared on the two sides which receive the ends of the yoke.

J J are pointed spurs or lugs standing inward from the sides of the yoke, produced by stamping with a suitable instrument, and I I are corresponding indentations in the sides of the stud D to receive the said spurs. The spurs and indentations are so relatively arranged that they will engage to hold the lamp either upright or at right angles to its standard.

P is a center-pin, having a case or cap-nut, K, on each end. This serves as a center upon which the yoke C turns to allow the change from a stand to a bracket lamp, (or vice versa.)

O O are spiral springs surrounding the pin P, and compressed between the nuts K K and the sides of the yoke C.

The design of the tubes forming part of the nuts K K is to conceal the springs O O and add to the artistic appearance of the lamp-joint.

In Fig. 3 the depressions I I are shown in position on center stud, D.

In Fig. 4 the yoke C is shown in relative position to center stud, D, with the raised surfaces caused by the indentations J J ready to engage the depressions I I when forced in by means of the spiral springs O O.

When the lamp is a stand-lamp, and it is desired to convert it into a bracket-lamp, the parts are made to turn around the center-pin P, and the angle of the side of the depressions I I causes them to spread or open the yoke C, enabling it to pass around a quarter circle until the depressions are again brought opposite the raised surfaces at J J, and by the expansion of the spiral springs O O the yoke C is closed down on center stud, D, and the spurs J J engage in the depressions I I, maintaining the joint sufficiently firm to answer as a bracket-lamp.

It is sufficient that there are only three spurs or raised points on the inner surface of the yoke C; but the center stud, D, must have the four depressions in order to maintain the joint in either position as a stand or bracket lamp.

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

1. In a combined stand and bracket lamp, the combination, with the lamp and its standard, of the yoke C, attached to the lamp, and the stud D, attached to the standard, the sides of the yoke embracing the stud, and the

yoke and stud being provided, respectively, with the spurs J J and indentations I I, engaging together in the upright and right-angled positions of the lamp relatively with the standard, as herein shown and described.

2. In a combined stand and bracket lamp, the combination of the yoke C, the stud D, provided, respectively, with the spurs J and indentations I, the center pin or pivot, P, projecting outward on opposite sides from the yoke, the springs O O, resting around the center-pin, and the cap-nuts K K, inclosing the springs, as shown and described, and for the purpose specified.

ROBT. CARTWRIGHT.

Witnesses:
R. F. OSGOOD,
EDWIN B. FISKE.