

(No Model.)

D. D. LOCKWOOD.
LAMP.

No. 275,230.

Patented Apr. 3, 1883.

Fig. 1.

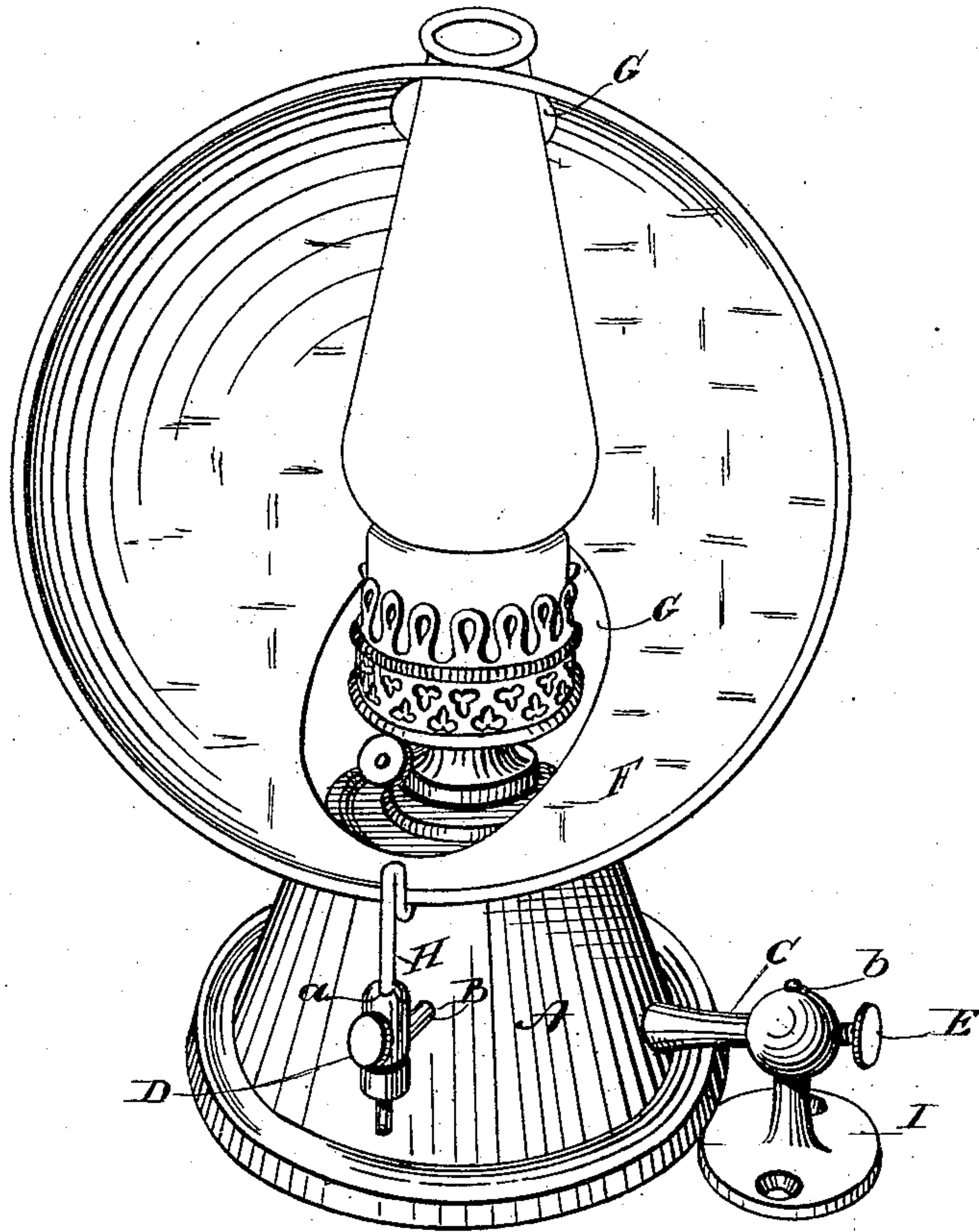
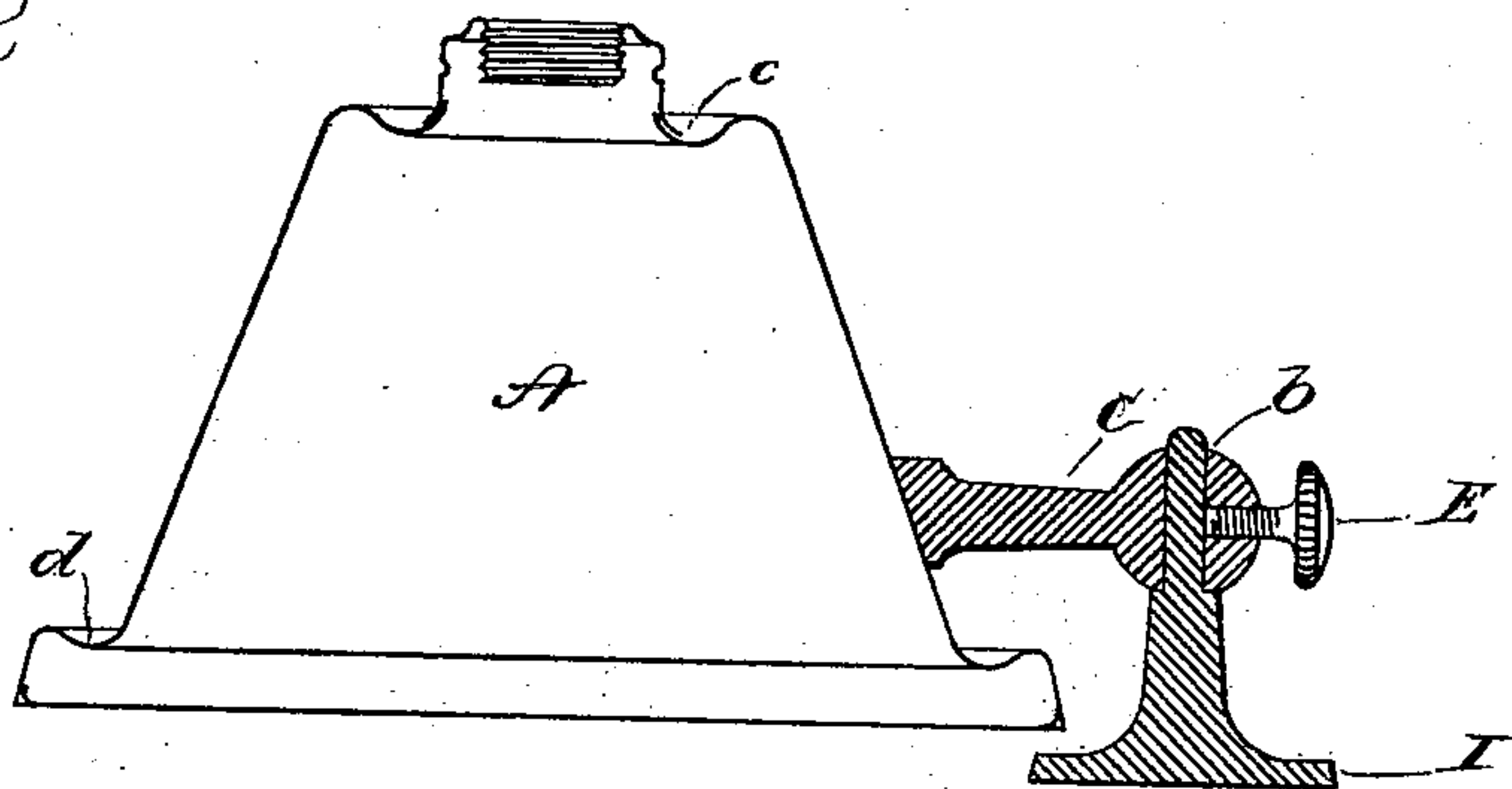


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

DAVID D. LOCKWOOD, OF BRIDGEPORT, CONNECTICUT.

LAMP.

SPECIFICATION forming part of Letters Patent No. 275,230, dated April 3, 1883.

Application filed February 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, DAVID D. LOCKWOOD, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Lamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to lamps, and more especially to that class of lamps known as "bracket-lamps," and is more particularly intended for use on sewing-machines when it is desirable to throw a strong light upon the work and at the same time protect the eyes of the operator against the glare from the reflector; and with these ends in view my invention consists in certain details of construction and combination of elements, hereinafter fully and in detail described, and then specifically designated by the claims.

In order that those skilled in the art to which my invention appertains may understand more fully how to make and use my improvement, I will proceed to describe the same in detail, referring by letter to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view, showing the device applied to a standard or base; and Fig. 2, a central vertical section, showing the contour of the lamp.

Similar letters denote like parts in both figures.

A is the body of the lamp, and projecting therefrom are bracket-arms B C, perforated, as seen at *a b*, and having set-screws D E.

F is a parabolic reflector, having therein oval openings G, and at the bottom a hook-like spindle, H, all for the purpose presently explained.

The body A is so formed that there are two drip-gutters, *c d*, into which the overflow of oil may collect and be readily removed.

In assembling the parts of my improved lamp, I place the reflector over the lamp-chimney in such a manner that the shank H will be inserted within the opening *a* in the bracket-arm B. A standard, I, with a spindle or shank of suitable length, is then adapted within the opening *b* in the bracket-arm C. This standard is provided with screw-holes *e*, where-

by it may be securely fastened to any wood-work or the like. By means of the set-screw D the reflector may be raised or lowered at the will of the operator, and the angle of reflection accordingly elevated or depressed.

In the application of my improvement the standard I is screwed onto a sewing-machine table, out of the way of the operating parts, and the lamp connected with said standard, as hereinbefore shown. The lamp is swung around until the rays of light are reflected in the desired direction, and the reflector raised or lowered until the rays strike the work-plate of the machine. By means of the set-screw D the reflector may be fastened at the desired elevation. The set-screw E secures the lamp as against any further rotary or swinging movement after the direction of the rays is determined.

The lamp can be readily detached from a sewing-machine when not in use, as the standard is the only stationary part of the device.

What I claim as new, and desire to secure by Letters Patent, is—

1. A lamp having projecting from its body, and forming an integral part thereof, perforated bracket-arms provided with set-screws, whereby the reflector may be attached and the lamp secured to a standard, substantially as set forth.

2. The reflector F, having spindle H, in combination with the perforated bracket-arm B, projecting from the body of the lamp and forming an integral part therewith, and having set-screw D, substantially as shown and described.

3. The standard I, in combination with the perforated bracket-arm C, projecting from the body of the lamp and forming an integral part therewith, and having set-screw E, substantially as set forth.

4. The lamp A, having projecting therefrom, and forming an integral part therewith, bracket-arms B C, with set-screws D E, respectively, in combination with the reflector F, having spindle H, and standard I, substantially as hereinbefore set forth.

In testimony whereof I affix my signature in presence of two witnesses.

DAVID D. LOCKWOOD.

Witnesses:

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