

C. H. WOOD & J. T. POWERS.

LAMP SUPPORT.

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1,037,096.

Patented Aug. 27, 1912.

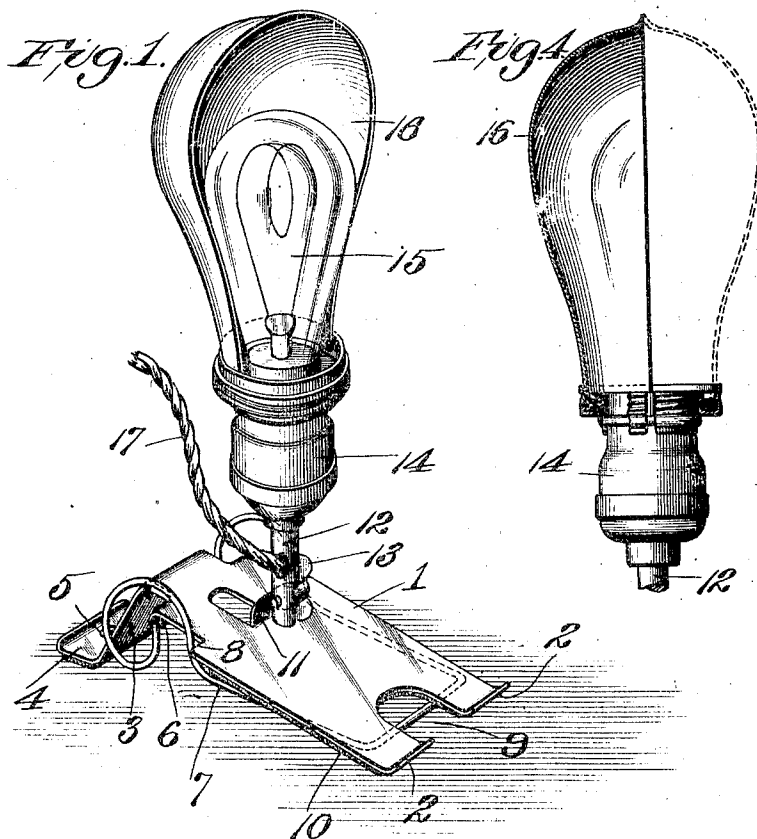
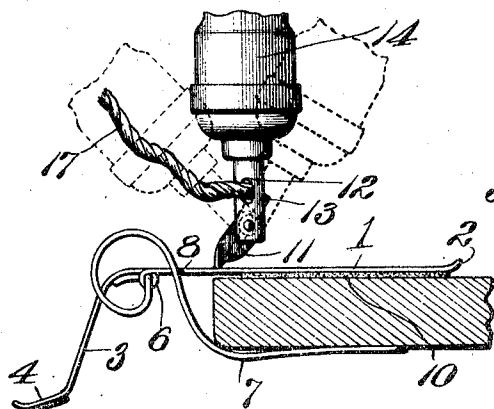
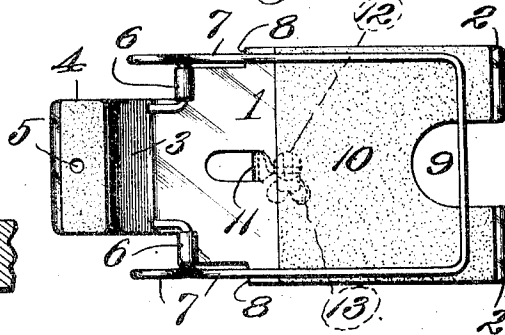


Fig. 2.



Attest:
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Fig. 3.



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UNITED STATES PATENT OFFICE.

CHARLES H. WOOD AND JOHN T. POWERS, OF ST. LOUIS, MISSOURI.

LAMP-SUPPORT.

1,037,096.

Specification of Letters Patent. Patented Aug. 27, 1912.

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To all whom it may concern:

Be it known that we, CHARLES H. WOOD and JOHN T. POWERS, citizens of the United States, residing at the city of St. Louis and State of Missouri, have invented a new and useful Improvement in Lamp-Supports, of which the following is a specification, enabling those skilled in the art to which our invention appertains to understand the same.

This invention relates to lamp supports, and an object of the invention is to produce a durable, portable and adjustable support for the purpose mentioned, which may be economically manufactured; and which will possess great utility and ornamentation of design.

With this and other objects in view, we have designed, combined and arranged several parts hereinafter illustrated and described, and have specially pointed out the novel features thereof in the appended claims.

In the drawings, in which like parts are designated by like characters of reference, Figure 1 is a perspective view illustrating one embodiment of our invention in all its essential details; Fig. 2 is a detail view, illustrating the manner of clamping the device to some permanent support, such as a table or desk top; this view also discloses in dotted lines the adjustable features of the stem supporting the lamp; Fig. 3 is a plan view of the under side of the support, illustrating the means for clamping the device to the permanent support; Fig. 4 is a detail view of the lamp socket, illustrating the detail of the adjustable shade.

The support includes a suitable base plate 1, which, in the embodiment shown, is in the form of an elongated metallic plate, curved upwardly at one end as shown at 2, in order to form a rounded surface which will not deface the polished surface of furniture such as tables or desks when the device is mounted thereon. The opposite end of the base has a downwardly bent portion 3, which constitutes a leg to uphold one end of the base. The lower end of the leg 3 is extended obliquely outwardly as shown at 4; the lower surface of said extension being in the same plane as the under rounded surface 2, so that the support will rest evenly on a flat surface or hang evenly against a wall. An opening or hole 5 may be formed in the center of said extension

4, so that the device may be hung upon a nail or other projection against a wall or other vertical surface. At each side of the plate 1, and adjacent to the upper end thereof, a portion of the plate is bent as shown at 6 so as to form a tubular bearing or support for the ends of a clamp element 7. The clamp 7 is formed from a wire so bent as to form a spring, and comprises two arms, which extend forwardly and transversely near the front of the plate 1, forming a bail. At each side of the base plate are offsets forming shoulders 8. The arms of the clamp element 7, are bent upwardly to form loops and then downwardly under the shoulders 8 of the plate 1, as clearly shown in Fig. 1. The front part of the clamp element rests normally against the lower surface of the base 1, as clearly appears by a reference to Fig. 3 of the drawing. The forward end of the base plate 1 has a notch 9 formed therein, making the bail readily accessible for drawing back the clamp 7 with the fingers, and may be placed under a flat surface such as a table or desk top, and the tension of the spring will securely hold the device where placed, in the manner clearly shown in Fig. 2 of the drawing. The under surface of the base plate 1, and of the extension 4 may be provided with a layer 10 of felt or like material suitably secured thereto, to prevent damage or injury to the polished surface of woodwork upon which the support may be clamped, or placed. A projection or arm 11 is formed from an upwardly bent cut-out portion of the inclined surface of the base plate 1, to which a stem or lamp post 12 is pivoted. We prefer to use a thumb or wing screw 13 for the pivot connection, so that by manipulation thereof, the stem 12 may be readily adjusted and held at any desired angle with respect to the base plate 1, and so that the said stem 12 may be removed if desired. To the upper end of the stem 12 is secured a lamp socket 14, which in the embodiment shown, is arranged to receive the usual incandescent electric bulb 15.

It is to be understood, that a gas lamp or other illuminating element may be used in connection with our support instead of an electric bulb and we do not limit ourselves to any specific design or character of light. An adjustable lamp shade 16 may be used in connection with the support which shade is revolvably mounted in the lamp socket as

shown in Fig. 4, of the drawing, so that the light may be thrown in any desired direction when the support is placed or mounted in different positions. A cord or wire 17 permits of the support being moved from place to place, and connected with the source of light energy.

We are aware that numerous changes in detail and arrangement may be made without departing from the spirit and scope of our invention. We do not limit ourselves, therefore, to exact details but—

What we claim and desire to secure by Letters-Patent is—

1. A lamp support comprising a base plate; said plate having one end thereof convexed upwardly, and the other end thereof being bent downwardly thereby constituting a leg or support for upholding said plate, a spring element, the ends of which are seated in said base plate and having forwardly extending arms crossing transversely of the front part of said plate to form a bail, a projection on the upper surface of said base plate and a lamp pivotally mounted on said projection, substantially as specified.

2. The combination with an elongated metallic plate arranged with one end thereof upturned and the opposite end bent downwardly and obliquely outward, a spring clamp element having its ends seated in said base plate and extending forwardly and transversely forming a bail, an opening in the front part of said plate under which said bail normally rests, a projection formed on the upper surface of said plate, and a stem pivotally and removably mounted on said projection, and an illuminating element on said stem, substantially as specified.

3. A device of the character described, comprising a metallic plate, provided with a leg for upholding one end thereof, and also arranged with an offset at either side hereof, a clamp element consisting of a spring wire the ends of which are permanently set in bearings formed integral with said plate, the said wire being looped upwardly above the surface of said plate, and then downwardly under the shoulders formed in said plate, and then forwardly to a point near the front of said plate, then extending laterally forming a bail, a notch in the front of said plate under which a part of said bail normally rests, a layer of soft material attached to the bottom of said

plate, an arm projecting upwardly from the upper surface of said plate, a stem pivoted to said arm, means for binding said stem to said arm, an illuminating element surmounting said stem, and a conductor arranged in connection with said illuminating element whereby said element may be supplied with energy from a remote source, substantially as specified.

4. A lamp support, comprising a base plate arranged to rest evenly on a flat surface; a spring clamp element secured to said base plate and arranged to normally rest against the under side of said plate and adapted to cooperate with said base plate effectively to clamp the same to permanent supports of varying thickness, a lamp mounted on said plate, and means for connecting said lamp to a remote source of light energy, substantially as specified.

5. A lamp support, comprising a plate; said plate being arranged to rest upon a flat surface and also to constitute one jaw of a clamping element, an illuminating element mounted on the upper face of said plate, a spring clamp element mounted on said plate and arranged to rest normally against the under face thereof, said spring clamp constituting the other jaw of the clamping element and being arranged to be drawn from the under face of said plate to permit a permanent support to be interposed between said plate and said spring clamp, substantially as specified.

6. The combination with a metallic plate, one end of which is bent downwardly thereby constituting a leg or support for upholding said plate at one end, a spring clamp element, comprising a U shaped rod the ends of which are looped upwardly and seated in said plate at the sides thereof, said clamp being arranged to rest normally against the under face of said plate and to be withdrawn therefrom permitting a permanent support to be interposed between the under face of said plate and said clamp element, substantially as described.

In testimony whereof, we have signed this specification, in the presence of two subscribing witnesses.

CHARLES H. WOOD.
JOHN T. POWERS.

In the presence of—

NELSON THOMAS,
L. C. KINGSLAND.