

H. E. PECK.
 PORTABLE LIGHT SUPPORT AND CLAMP.
 APPLICATION FILED MAR. 22, 1921. RENEWED MAY 10, 1922.

1,431,485.

Patented Oct. 10, 1922.

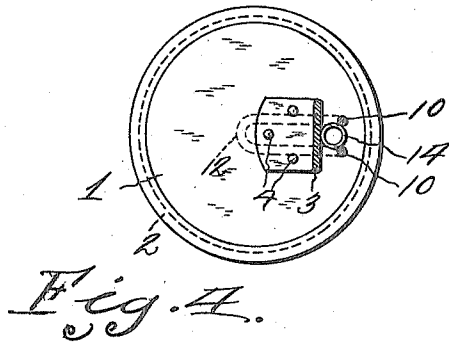


Fig. 3.

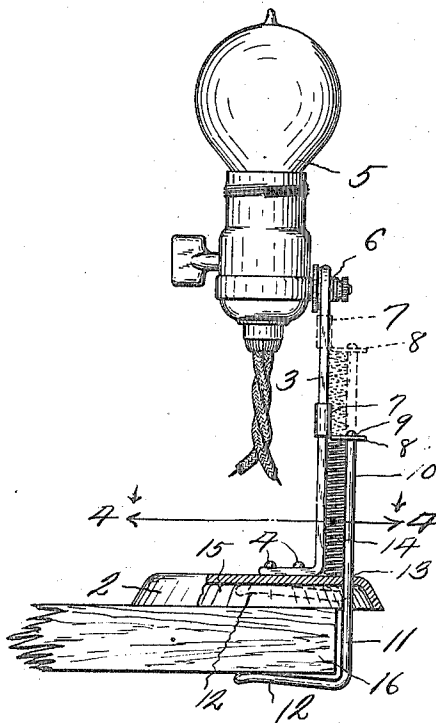
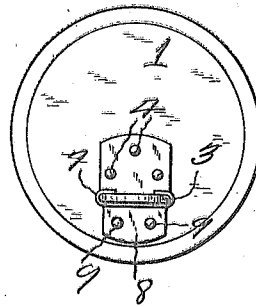


Fig. 1.

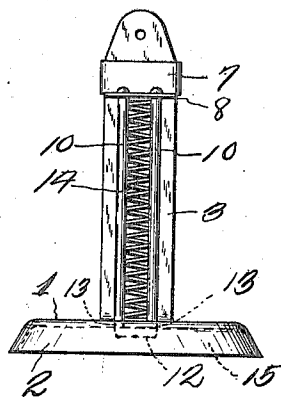


Fig. 2.

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PORTABLE LIGHT SUPPORT AND CLAMP.

Application filed March 22, 1921, Serial No. 454,485. Renewed May 10, 1922. Serial No. 559,895.

To all whom it may concern:

Be it known that HARRY E. PECK, a citizen of the United States, residing at Waverly, in the county of Tioga and State of New York, has invented certain new and useful Improvements in Portable Light Supports and Clamps, of which the following is a specification.

The invention relates to light supports of the portable type and has for its object to provide in combination with a portable light support carried by a supporting base, a vertically slidable spring actuated member extending through said base and terminating in a right angled arm, said arm forming means whereby the support as a whole may be clamped and held on the edge of a desk or on the edge of any other member whether in a horizontal or vertical plane or at an angle. Also to provide the under face of the base with a chamber, into which chamber the right angled portion the vertical slidable member is normally held by the spring, thereby allowing the light support to be supported entirely by its base.

With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawings, described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings:—

Figure 1 is a side elevation of the light support, partly broken away and showing the support clamped on the edge of a desk or the like.

Figure 2 is a rear view of the light support.

Figure 3 is a top plan view of the light support with the light removed.

Figure 4 is a horizontal sectional view taken on line 4—4 of Figure 1.

Referring to the drawings, the numeral 1 designates a base preferably stamped from a single piece of material and 2 a supporting flange of said base. Extending upwardly from the base 1 is a vertically disposed bar 3, the lower end of which is secured as at 4 to the base, which bar forms a support for the light 5 which is secured to the upper end of said bar as at 6 in any suitable manner. It is to be understood that the light may be of any kind, electric,

gas or oil. Vertically slidable on the bar 3 is a sleeve 7, which sleeve is provided with a horizontal integral ear 8, to which ear is secured as at 9 the upper ends of vertically movable arms 10 of a clamping member 11. The clamping member 11 is formed preferably from a single piece of wire, said wire being bent so as to form the right angled clamping jaw 12 and the arms 10, which arms pass upwardly through apertures 13 in the base 1 and are guidable in said apertures during their vertical movement. Arms 10 are spaced from the vertically disposed bar 3 and interposed between said arms and said bar is a coiled spring 14, which coiled spring normally holds the sleeve 7 and the vertically slidable member 11 in the dotted line position shown in Figure 1 and consequently holds the clamping arm 12 in the chamber 15 of the base 1, thereby allowing the portable light to be disposed at any point on a desk or the like and supported entirely by the base 1. However when it is desired to clamp the support to the edge of a desk 16, the operator forces the vertically slidable member downwardly and places the base on the desk adjacent the edge thereof and allows the clamping arm 12 to be forced into clamping engagement with the under face of the desk as shown in Figure 1. Clamping jaw 12 is preferably inclined upwardly so that it will engage the under face of the desk top adjacent the center of the base 1, thereby obtaining a binding action at a point where maximum clamping action will be obtained. The arms 10 and the vertically disposed bar 3 are so positioned in relation to each other that when the coiled spring 14 is interposed there between, said coiled spring will be held against lateral movement and displacement by said arms 10 and bar 3.

From the above it will be seen that a portable light is provided, which support may be supported entirely on its base, or if so desired the support may be clamped to the edge of a member in any position.

The invention having been set forth what is claimed as new and useful is:

1. The combination with a light support comprising a base having a substantially vertically disposed light supporting arm thereon, of a clamping member whereby said support may be clamped to the edge of a support, said clamping member comprising a horizontally disposed clamping

jaw disposed beneath the base, said clamping jaw having upwardly extending arms extending through apertures in the base, the upper ends of said arms being connected to a vertically movable member slidably mounted on the exterior of the light supporting arm, a coiled spring interposed between the base and the movable member and forming means for normally forcing said movable member upwardly and maintaining the clamping jaw within the base of the light support, said coiled spring being maintained against lateral displacement by said arms of the clamping jaw and the upwardly extending light supporting arm.

2. The combination with a light support comprising a chambered base having a substantially vertically disposed light supporting arm thereon, of clamping means whereby said light support may be clamped to the edge of a support, said clamping means comprising a clamping jaw disposed beneath the base and having an arm extending upwardly through said base, the upper end of said arm being secured to a horizontal portion of a vertically movable slide on the light supporting arm and a spring interposed between the horizontal portion of the slide and the upper face of the base and forming means for normally maintaining the clamping jaw within the chamber of the base.

3. The combination with a light support

comprising a chambered base having a substantially vertically disposed light supporting arm thereon, of clamping means whereby said light support may be clamped to the edge of a support, said clamping means comprising a substantially horizontally disposed jaw located below the base, said jaw having upwardly extending spaced arms vertically slidable in apertures of the base, the upper ends of said arms being secured to an ear of a sleeve, said sleeve being slidably mounted on the light supporting arm, and a coiled spring disposed between the light supporting arm and the upwardly extending arms of the jaw member, said coiled spring being held against lateral displacement by said arms.

4. The combination with a light support comprising a light supporting arm, spaced adjacent arms adjacent the light supporting arm and slidably connected thereto and in parallel relation thereto, cooperating jaws carried by the spaced arm and the light supporting arm and a coiled spring disposed between the light supporting arm and the spaced arms, said coiled spring being held against lateral displacement by all of said arms.

In testimony whereof I affix my signature.
HARRY E. PECK.

Witnesses:

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