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C. MEYERS

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SMOKER'S ATTACHMENT FOR FLOOR LAMPS

Filed May 23, 1930

Fig. 1.

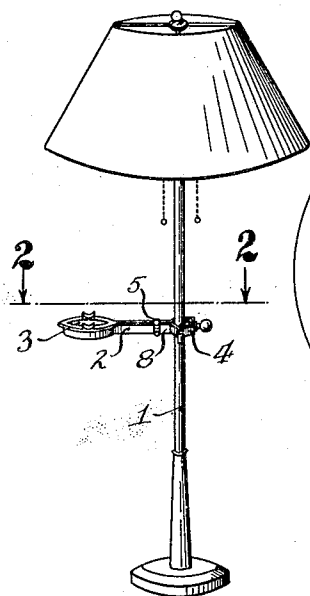


Fig. 2.

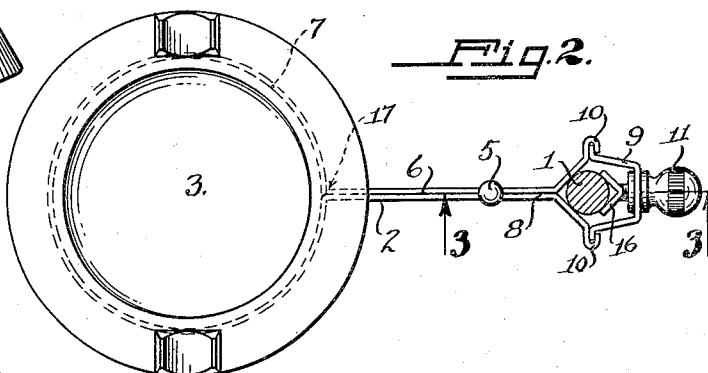


Fig. 3.

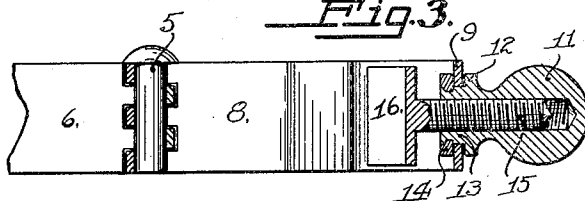
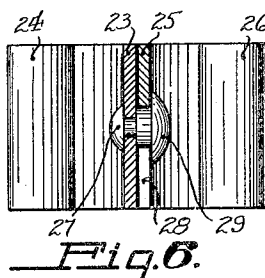
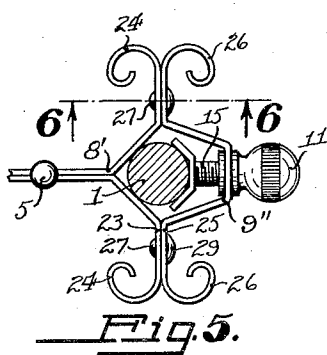
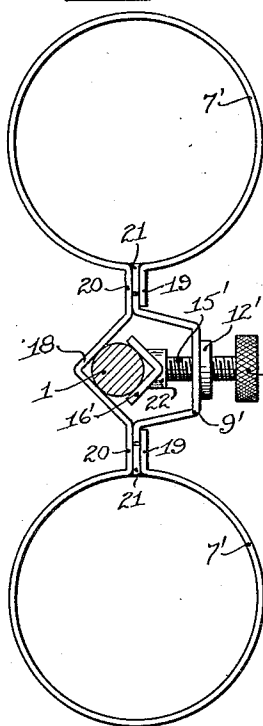


Fig. 4.



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## UNITED STATES PATENT OFFICE

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SMOKER'S ATTACHMENT FOR FLOOR LAMPS

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The present invention relates to removable and adjustable brackets adapted for attachment to the standards of floor lamps or other similar articles of furniture, for holding objects of utility or convenience, such as ash trays or other smokers' appliances.

The principal object of the invention is to provide a device for the described purpose which can be easily and quickly attached to and removed from its supporting standard, such as the standard or post of a floor lamp, and which can be adjusted thereon both vertically and horizontally. A second object is to provide a device adapted for quantity production at low cost, and which can be made in ornamental and pleasing form.

Other objects and advantages of the invention will become apparent from the following specification which should be read with the understanding that the form, proportion, and arrangement of the several parts may be varied within the limits of the claim hereto appended, without departing from the spirit of the invention as expressed therein.

A preferred form of the invention and some modifications thereof are illustrated in the accompanying drawings, wherein:—

Fig. 1 is a perspective view of a simple and preferred form of the device attached to the standard of a floor lamp.

Fig. 2 is a sectional plan view taken on the line 2—2 of Fig. 1.

Fig. 3 is a vertical section taken on the line 3—3 of Fig. 2.

Fig. 4 is a plan view of a slightly different form of device embodying the invention.

Fig. 5 is a sectional plan view of a modified form of clamping member for securing the device to the standard.

Fig. 6 is a vertical section taken on the line 6—6 of Fig. 5.

In the drawings, and referring for the moment to Fig. 1, the reference numeral 1 designates the standard of a floor lamp. 2 is the body portion of my attachment which is adapted to hold an article of utility, such as an ash tray 3. 4 is the clamping portion of my device, to which the body portion 2 is attached by a hinged joint 5, and by which it is mounted upon the standard 1.

The body portion 2 of my attachment is preferably formed of a single strip of flat metal, and in its simplest form, as illustrated in Fig. 2, comprises a shank 6 of double thickness and a ring like end portion 7 adapted to hold the ash tray 3.

The clamping portion of the device comprises a connecting member 8 and a separable clamping member 9. The connecting member 8 is also formed from a strip of flat metal bent into Y-shape, the stem of the Y being connected with the shank 6 of the body portion by the hinge 5, and the branches of the Y having hooked ends 10. The clamping member 9 is approximately U-shape with its ends turned outwardly to engage said hooks 10, and its center portion providing a bearing for a clamping nut 11. This nut 11, which may be made of ornamental form, has a shoulder 12, Fig. 3, and a shank 13, the latter extending through the U-shaped member 9. The inner end portion of the shank 13 is reduced in diameter and has fitted upon it a thrust ring 14. I prefer to retain the thrust ring 14 in position by countersinking its bore and swaging the end of the shank 13 thereto. The nut 11 has threaded engagement with a screw 15 whose inner end is secured to a V-shaped thrust member 16 adapted to bear against the standard 1. It will be observed that loosening the nut 11 permits the device to be moved vertically and angularly upon the standard 1, and also enables it to be removed from said standard entirely by slipping the ends of the U-shaped member 9 out of the hooks 10 of the connecting member 8.

The hinge 5 provides for the swinging of the body portion 2 horizontally without loosening the clamp. The hinge may be omitted if desired, in which case the connecting member 8 becomes a continuation of the shank 6 of the body member 2, the ends of the continuous strip, which forms the body member, being terminated at the hooks 10. When the hinge 5 is employed as illustrated, I prefer to make the ends of the continuous body strip at 17, Fig. 2, said strip being bent around the hinge 5 to form the double shank 6. The strip after being bent into the proper form, is retained by welding or soldering at the point

17 and along the double shank 6 to make a rigid structure. The shank of the connecting Y-member 8 is also welded or soldered to hold its two sides together.

5 A modified form of the device is illustrated in Fig. 4 in which the body member is provided with two oppositely disposed rings 7' adapted to hold trays or other articles. The device in this form is also made from a single  
10 strip of flat metal whose central portion connecting the two rings 7' is formed into V-shape, as shown at 18, adapted to bear against the standard 1. The ends 19 of the strip are bent parallel to the straight portions 20 of  
15 the connecting central section and are spaced therefrom by spacers 21, the portions 19, 20 and 21 being held together in any desired manner, preferably by welding. The spacers 21 are shorter than the adjacent portions 19  
20 and 20 thereby forming hooks or slots into which the ends of the substantially U-shaped clamping member 9' fit. This clamping member may be similar to that described above and shown in Figs. 2 and 3, but for purposes of il-  
25 lustration I have shown a slightly different form of clamping screw arrangement, in which the screw 15' is threaded through a nut 12' welded or otherwise secured to the U-shaped member 9'. The outer end of the screw has a  
30 head or handle 11', and its inner end has a swivel connection 22 with the V-shaped thrust member 16'.

Figs. 5 and 6 show a modification of the clamping portion of the device which lends  
35 itself to greater ornamentation than the previously described form. The Y-shaped connecting member 8', similar in function and essential form to the member 8 shown in Fig. 2, has its branches turned outwardly at 23  
40 and terminating in any desired ornamental feature 24. The U-shaped clamping member 9'' has its ends similarly turned outwardly, as at 25, and likewise terminating in ornamental features 26. The portions 23 of the connect-  
45 ing member 8' have pins 27 riveted there-through, and the portions 25 of the member 9'' are provided with slots 28, Fig. 6, adapted to slip over and engage said pins. The pins are provided with heads 29 to retain the mem-  
50 bers 8' and 9''. The clamping screw arrangement shown in Fig. 5 is similar to that of Figs. 2 and 3 and also the form shown in Fig. 4 may be used if desired.

It will be seen from the foregoing that  
55 my device can be easily attached to and removed from the standard 1, and its position thereon can be adjusted vertically and horizontally. It will also be seen that the device is well adapted for quantity production at  
60 minimum cost, as it may be made almost wholly of flat strip metal bent into the desired shape and welded or soldered to make it rigid.

The pin of the hinge 5 may be made remov-  
65 able, if desired, so that the same clamping

member may be used to support various body members for different purposes. Thus by merely removing the hinge pin and substituting a different body member, the device may be adapted to a different use.

I claim:—

A bracket for floor lamp standards, comprising a body member of flat metal bent to double thickness and having at one end a tray holder, the extremities at the other end  
75 diverging to Y-shape with outwardly extending terminal portions, said extremities forming one component of a standard embrasure; a complementary component of said standard embrasure with outwardly extending terminal  
80 portions; pins fixed in the terminal portions of one component and slotted in the terminal portions of the other component to separably unite them; and means for clamping said components upon the standard.

In testimony whereof, I have signed my name to this specification.

CHRISTIAN MEYERS.