R. F. FERGUSON.

LAMP BRACKET.

APPLICATION FILED MAY 20, 1918.

1,296,060.

Patented Mar. 4, 1919

2 SHEETS—SHEET 1.

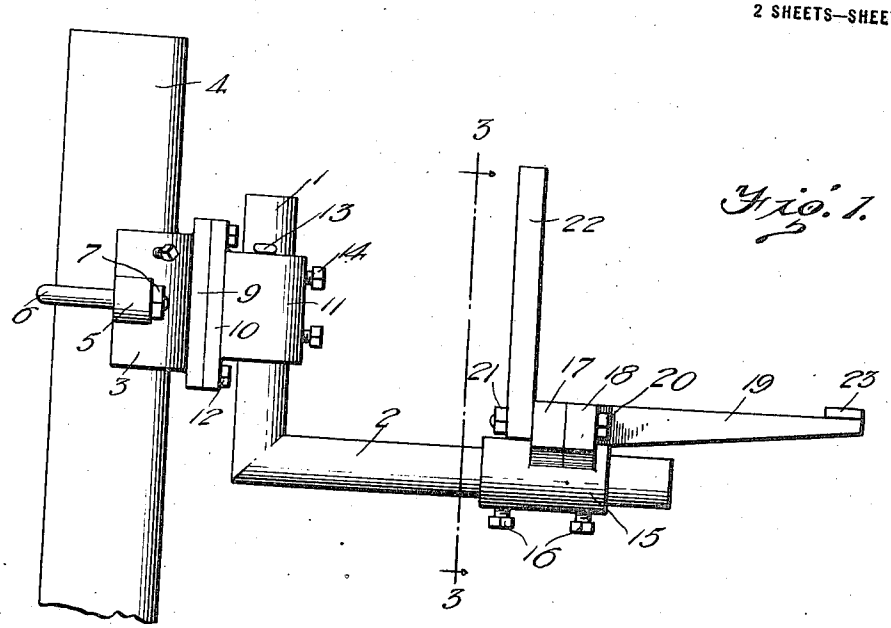


Fig. 1.

Fig. 2.

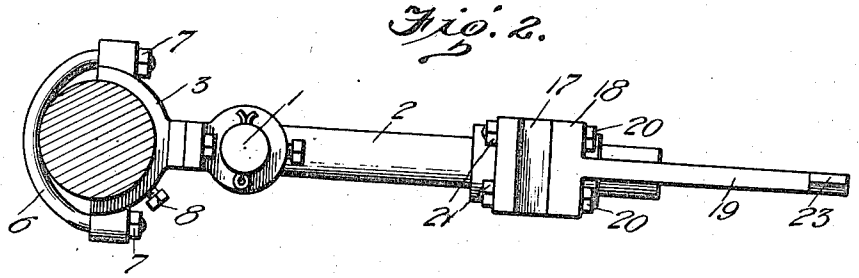


Fig. 3.

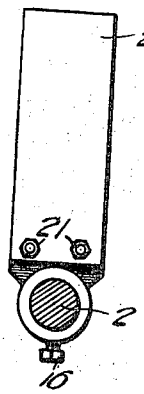
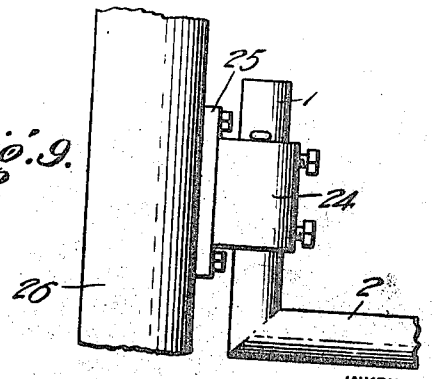


Fig. 4.



WITNESSES

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INVENTOR

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2 SHEETS—SHEET 2.

Fig. 4.

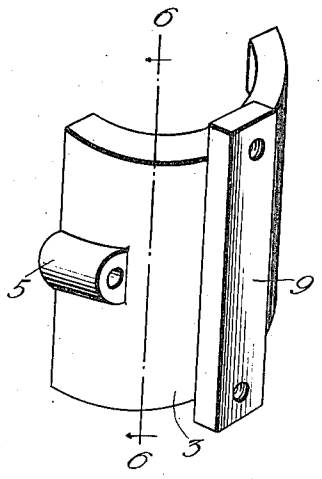
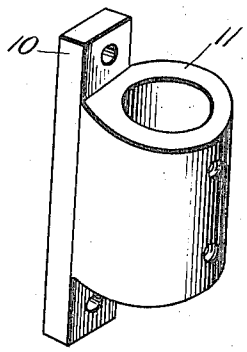


Fig. 5.



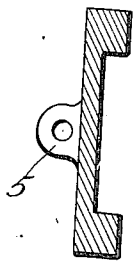


Fig. 6.

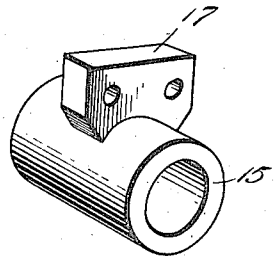


Fig. 7.

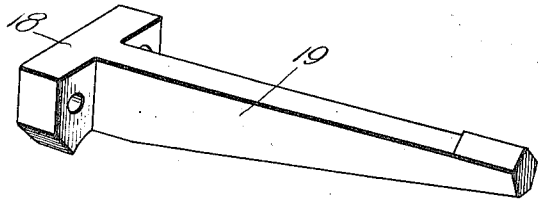


Fig. 8.

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UNITED STATES PATENT OFFICE.

ROBERT FRANCIS FERGUSON, OF DEARBORN, MICHIGAN.

LAMP-BRACKET.

1,296,060. Specification of Letters Patent. Patented Mar. 4, 1919.

Application filed May 20, 1918. Serial No. 235,676.

To all whom it may concern:

Be it known that I, ROBERT F. FERGUSON, a citizen of the United States, and a resident of Dearborn, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Lamp-Brackets, of which the following is a specification.

My invention is an improvement in lamp brackets, and has for its object to provide a simple and inexpensive bracket of the character specified, capable of vertical, lateral, or radial adjustment.

In the drawings:—

Figure 1 is a side view of the improved bracket,

Fig. 2 is a top plan view,

Fig. 3 is a section on the line 3—3 of Fig. 1, looking in the direction of the arrows adjacent to the line,

Fig. 4 is a perspective view of a portion of the supporting means,

Fig. 5 is a similar view of another portion,

Fig. 6 is a section on the line 6—6 of Fig. 4, looking in the direction of the arrows adjacent to the line,

Fig. 7 is a perspective view of the sleeve,

Fig. 8 is a similar view of the lamp supporting member, and

Fig. 9 is a detail side view showing a modified construction.

In the present embodiment of the invention shown in Figs. 1 to 8 inclusive, the intermediate portion of the bracket as apart from the lamp engaging member and the fixed object engaging member, consists of an L-shaped member comprising a vertical portion 1 and a horizontal portion 2, the said portions being circular in cross section as shown, and meeting at right angles. The fixed object engaging member comprises an arc shaped plate 3 which is adapted to fit about a staff or standard 4 of cylindrical form, and this plate as shown in Fig. 4 is cut away on its concaved face intermediate its upper and lower edges. The plate has at each side edge, a perforated ear 5 and these ears are adapted to engage the arms of a clip 6 which embraces the staff or standard at the opposite side from the plate.

The arms of the clips are engaged by nuts 7, and a set screw 8 is threaded through the plate into engagement with the staff or standard to secure the proper tension and prevent slipping of the fixed support engaging member. A holding bar 9 is arranged vertically on the convexed face of the plate at the center thereof, the said bar extending above and below the ends of the plate, and to this bar is adapted to be secured a similar bar 10 on a bearing sleeve or collar 11. The bars 9 and 10 have registering openings in their ends for receiving screws 12 which connect the bars, the screws having threaded engagement with the openings of the bar 9. The vertical portion 1 of the intermediate portion of the bracket engages this collar 11, extending through the same and it is prevented from downward movement by a split or cotter pin 13. Set screws 14 are threaded through the collar into engagement with the vertical portion 1, and a sleeve 15 is adjustably mounted on the portion 2 of the said intermediate portion. This sleeve is held in adjusted position by set screws 16, and has a transverse lug or plate 17 on its upper side and intermediate its ends. To this plate is connected a cross head 18 on the lamp supporting plate 19, the cross head being integral with the plate. Bolts 20 are passed through registering openings in the ends of the cross head and plate and are engaged by nuts 21 to hold the parts in place.

A plate 22 is also held in place on the rear face of the plate 17 by means of the bolts and nuts, the said plate extending vertically and forming a support for the rear of the lamp or for a shade. At its outer end, the plate 19 has a lug 23 which forms a shoulder for limiting the outward movement of the lamp. In use the element 1—2 may be adjusted vertically to vary the vertical position of the element 19, or the element 19 may be adjusted toward and from the staff or standard 4, moving on the element 2. The device as a whole may be adjusted about the staff or standard, and the intermediate portion of the support may be swung about the staff or standard 4 from side to side thereof.

In the embodiment of the invention shown in Fig. 9, the bearing sleeve 24 which corresponds to the sleeve 11 of Fig. 1 has a bar 25 corresponding to the bar 10 secured directly to the staff or standard 26. The construction is otherwise the same as that shown in Figs. 1 to 8.

I claim:

A bracket comprising an L-shaped bar of circular cross section, a collar engaging each member of the bar and adjustable thereon, a sectional clamp connected with one of the collars for engaging a fixed support, and a plate for supporting a lamp detachably connected with the other collar, each collar having means for securing the same in adjusted position.

ROBERT FRANCIS FERGUSON.

Witnesses:

JAS. GUINAN,

OSCAR L. ETHRIDGE.