

No. 746,188.

PATENTED DEC. 8, 1903.

A. SONSTHAGEN.
BRACKET OR CLAMP.

APPLICATION FILED FEB. 25, 1903.

NO MODEL.

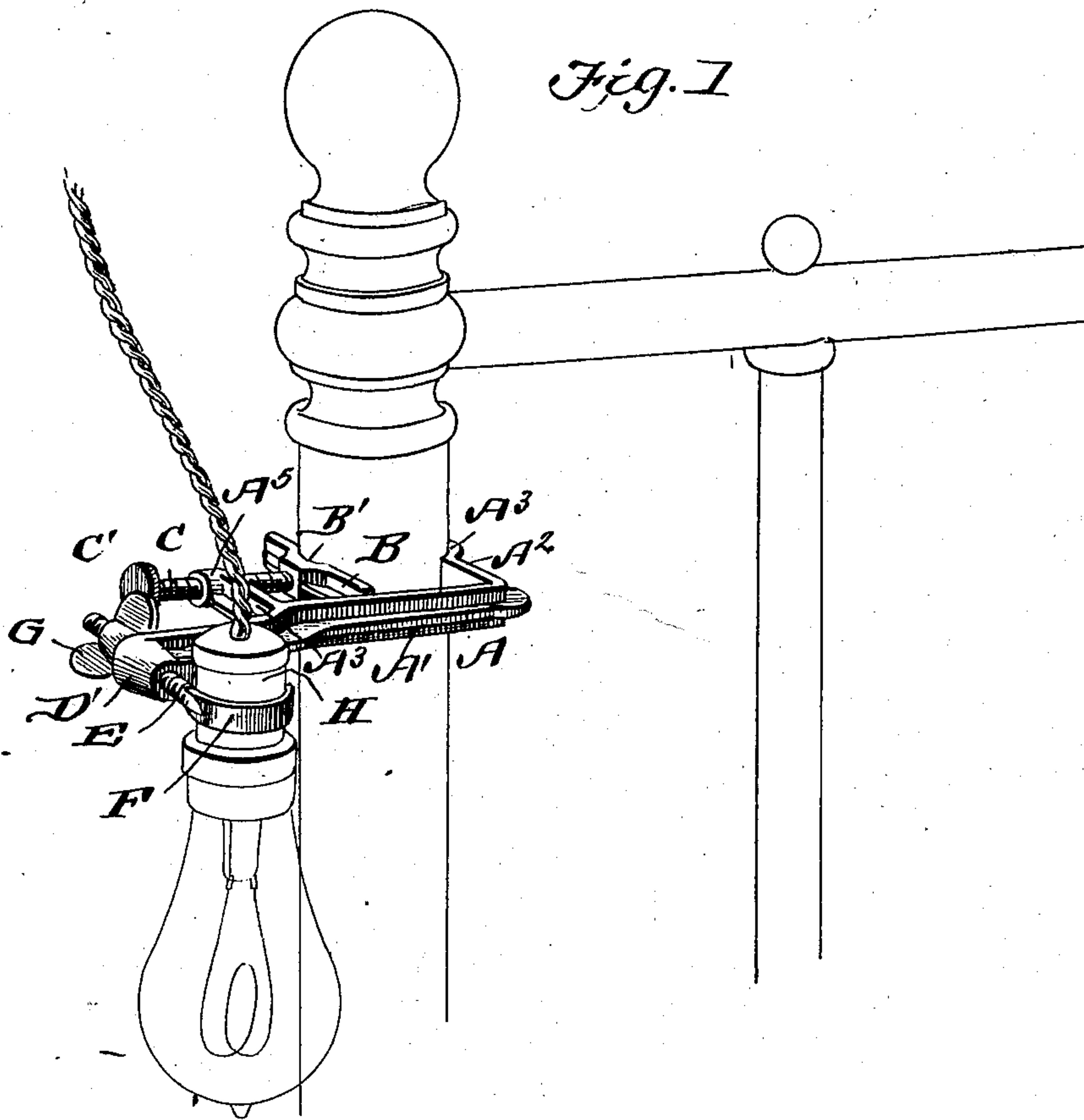


Fig. 2.

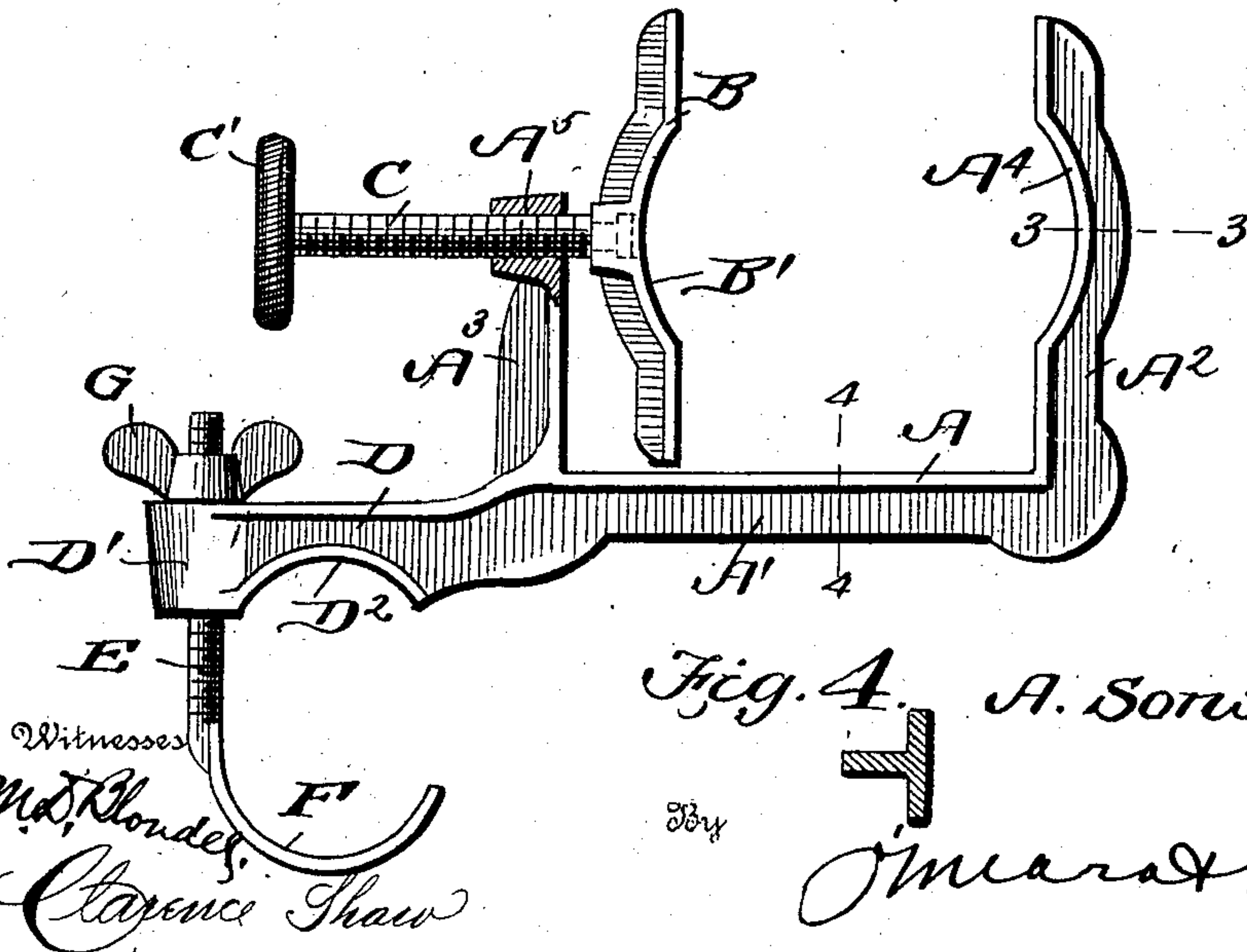


Fig. 3.



Fig. 4.

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BRACKET OR CLAMP.

SPECIFICATION forming part of Letters Patent No. 746,188, dated December 8, 1903.

Application filed February 25, 1903. Serial No. 145,046. (No model.)

To all whom it may concern:

Be it known that I, ANDREW SONSTHAGEN, a subject of the King of Great Britain, residing at Trail, British Columbia, Canada, have
5 invented a new and useful Bracket or Clamp, of which the following is a specification.

This invention is an improved construction of bracket and clamp, the object of the invention being to provide a device by means
10 of which an incandescent light can be securely clamped to the head board or post of a bedstead for the purpose of holding the light in such position as will enable the occupant of the bed to read while in a recumbent
15 position. The device can also be employed for connecting and holding the incandescent lamp to other articles of furniture; and with these objects in view the invention consists, essentially, of a clamp adapted to be fastened
20 to an article of furniture, said clamp having an arm or extension carrying an adjustable bolt or screw provided with a clamping-finger for the purpose of binding the socket of the incandescent lamp against the extension of
25 the bracket.

The invention consists also in certain details of construction hereinafter fully described, and pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a perspective view showing the practical application of my invention. Fig. 2 is a top plan view of my invention, one portion being shown in section. Figs. 3 and
35 4 are detail sectional views taken on the lines 3 3 and 4 4, respectively, of Fig. 2.

In carrying out my invention I employ a clamp-bracket comprising a fixed portion A and a movable portion B. The fixed portion A is essentially rectangular in shape, consisting of the front member A' and side members A² and A³, the side member A² being longer than the side member A³, and is curved intermediate its length, as shown at A⁴, while the side A³ is formed with a threaded bearing A⁵ at its upper end through which the
45 screw C works, said screw being swiveled to the movable member B, which is also curved intermediate its ends, as shown at B', said curve corresponding to the curved portion A⁴ of the end A², and by means of the screw C the movable member B is caused to move toward or away from the side member A² of the

fixed portion of the bracket, and for the purpose of operating the screw I provide a suitable hand-wheel or knob C'. The clamp-
55 bracket is preferably constructed of T or angle iron, as most clearly shown in Figs. 3 and 4, in order that an exceedingly strong and light clamp-bracket may be provided.

The member A' is extended beyond the
60 side A³, providing the outwardly-projecting arm D, terminating in a tubular bearing D' at its outer end, through which passes the threaded bolt E, carrying a curved finger F at its forward end, a winged nut G being
65 screwed upon the rear end. The strengthening rib or flange forming a part of the arm D is curved out, as shown at D², so that the socket H of the incandescent lamp can be clamped between the curved finger F and the
70 said arm, the winged nut being turned until the curved finger F tightly binds the lamp-socket against the cut-out portion of the arm D. The bracket A is securely clamped to the post of the headboard, as most clearly
75 shown in Fig. 1, and the said bracket can be adjusted up or down to the desired height.

While I have shown my invention applied to the corner-post of a metal bedstead, it will of course be understood that it can be at-
80 tached to a wooden bedstead, and it will also be understood that it can be attached to other articles of furniture, and it is not necessary that the exact details herein set forth be followed, as it is obvious that various construc-
85 tions of clamps may be employed for the purpose of carrying out my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A device of the kind described comprising a bracket having a long side member, an end member at one end and at right angles to the long member, the long member being offset adjacent its opposite end, a short mem-
95 ber at right angles to the long member and parallel to the end member, said short member extending from the long member at a point adjacent the offset portion and having a tubular bearing formed at its end, a screw
100 working through said bearing, a movable member parallel with the end member and swiveled to the screw, a tubular bearing formed at the outer end of the offset portion,

a threaded bolt working in said last-mentioned bearing and a curved finger secured to said bolt on the side of the long member opposite the short member.

- 5 2. A device of the kind described, comprising a clamp-bracket consisting of an essentially rectangular-shaped member, a screw working through one side thereof, a movable member carried by the said screw, an arm
10 extending from the rectangular-shaped member, said arm terminating in a tubular bear-

ing and having a curved-out portion adjacent to said bearing, a threaded bolt passing through the tubular bearing, a curved clamping-finger attached to said bolt, and a nut for adjusting said bolt and clamping-finger, as set forth. 15

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