

A. P. SMITH.  
ADJUSTABLE LAMP BRACKET.  
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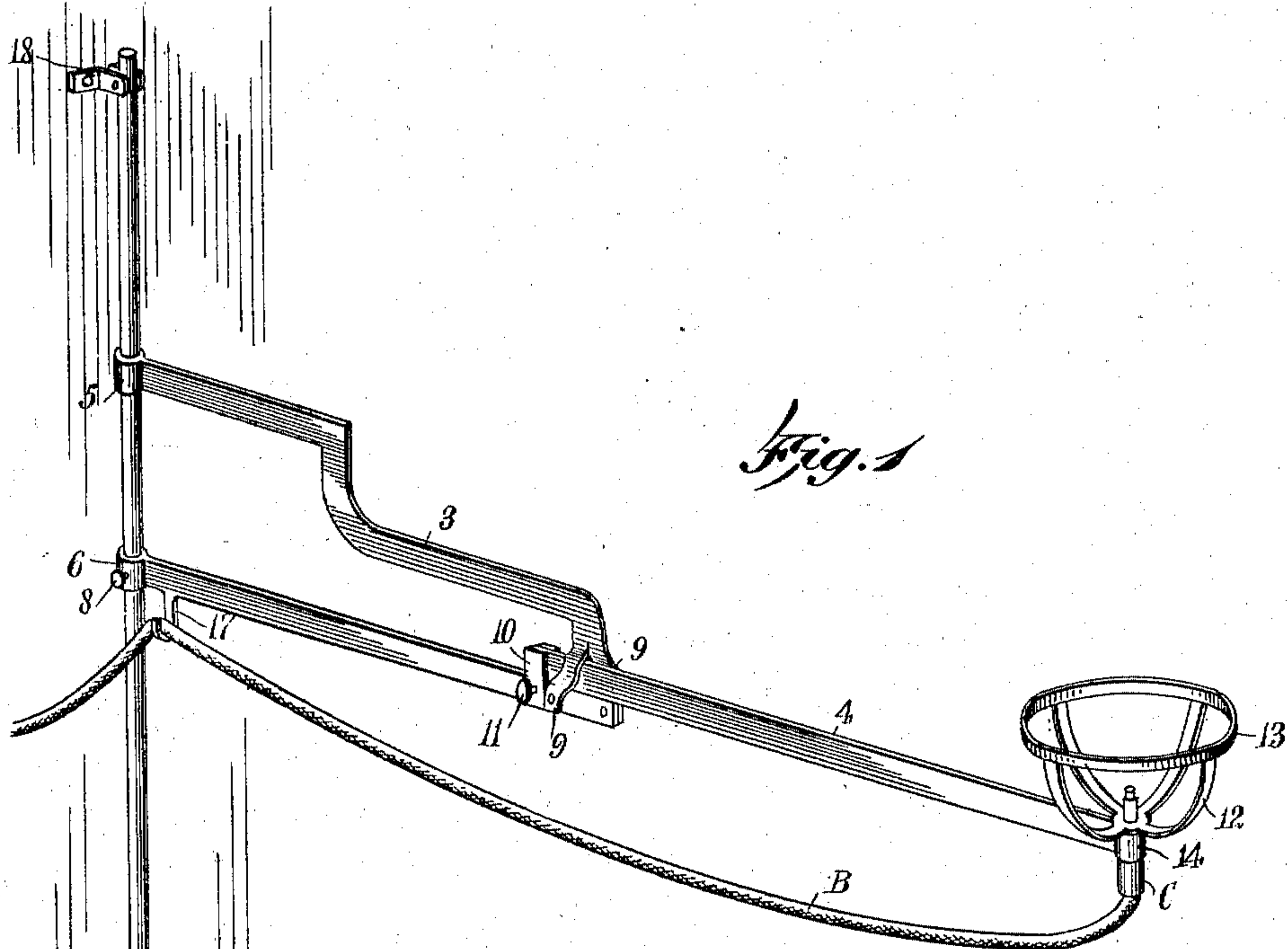
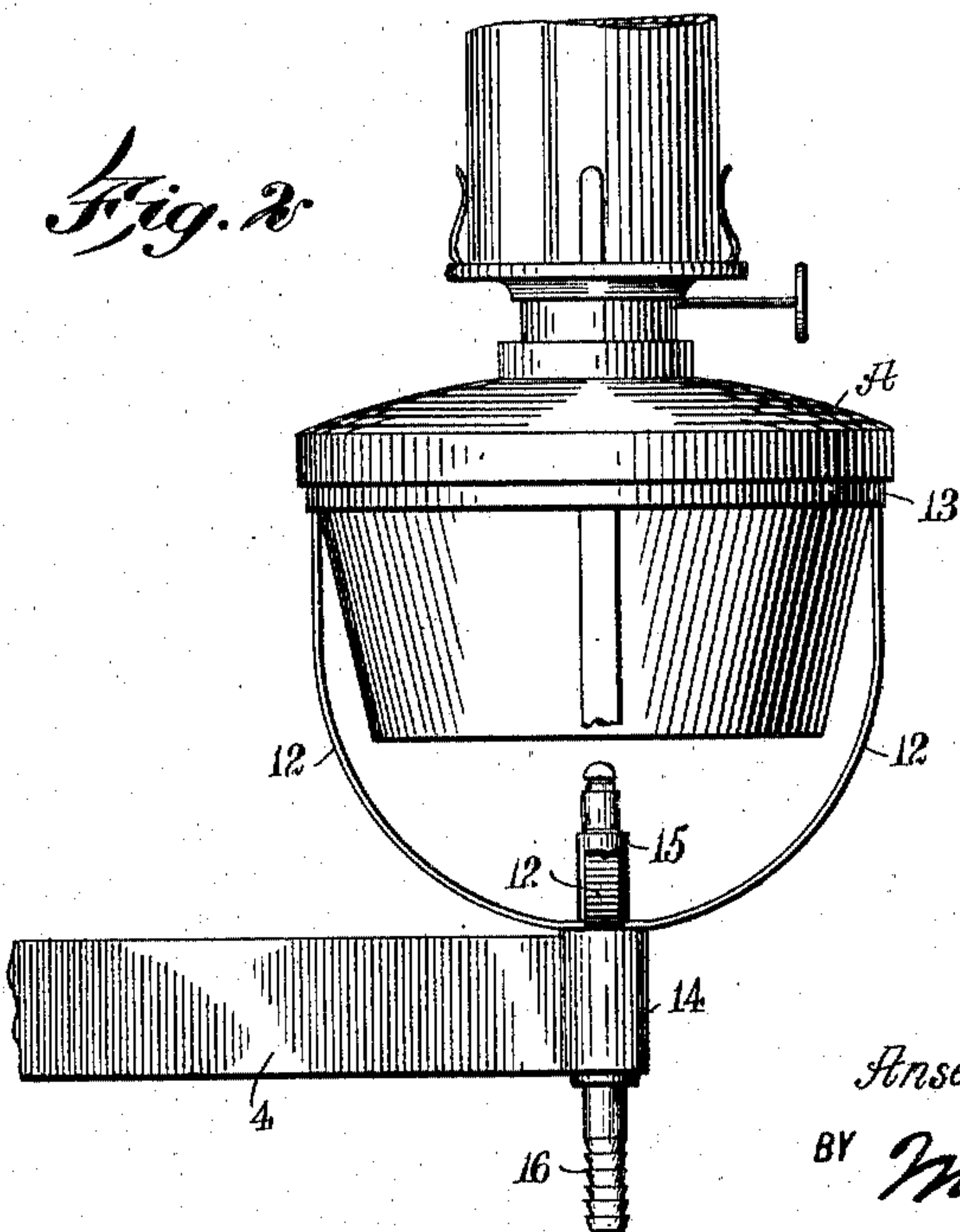


Fig. 2



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE LAMP-BRACKET.

967,682.

Specification of Letters Patent. Patented Aug. 16, 1910.

Application filed May 11, 1910. Serial No. 560,617.

*To all whom it may concern:*

Be it known that I, ANSEL POWELL SMITH, a citizen of the United States, and a resident of Smithville South, in the county of Nassau and State of New York, have invented a new and Improved Adjustable Lamp-Bracket, of which the following is a full, clear, and exact description.

Among the principal objects in view in the present invention are the following: to provide a portable bracket for lamps, vertically and horizontally extensible, and adapted for mounting upon the side wall of a structure; to provide a bracket of the character set forth, arranged for use as a holder for a gas burner, a flexible tube being connected therewith; and to provide a bracket of the character described which is economical and durable in construction.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views, and in which—

Figure 1 is a perspective view of a bracket arranged to support an oil burning lamp or a globe for a gas jet; and Fig. 2 is an enlarged detail view, fragmentary in form, showing the end of the extension bar of said bracket and an oil burning lamp in connection therewith.

The bracket for supporting the lamp and constructed in accordance with the present invention consists in the collapsible sections 3 and 4. The section 3 is provided with separated and vertically spread arms, the inner ends whereof are provided with sliding sockets or bearings 5 and 6. The bearings 5 and 6 are of the same diameter and are provided to receive in sliding relation a vertical supporting rod 7. The bracket is held in vertical adjustment with said rod 7, by means of a set screw 8 mounted in the lower bearing 6, and having screw threaded engagement therewith. At the forward end of the arms forming the section 3, the upper member is split to form the outwardly spread plates 9, 9. The plates 9, 9 are extended to opposite sides of the lower member of the section 3 and riveted thereto, thus forming a loop at the outer end of the section 3. Through the loop formed as above in the section 3, is extended the straight bar of the section 4.

The rear or inner end of the section 4 is provided with a strap loop 10 embracing

the lower arm of the section 3, and having mounted in the side thereof a wing nut or set screw 11. It is by means of the wing nut 11 that the outward adjustment of the section 4 of the bracket is regulated. At the outer end of the section 4 is fixedly mounted a lamp basket 12 by being riveted or otherwise rigidly secured to said section. The basket 12 is preferably formed as shown in the drawings, having a circular band 13 provided at the upper edge of the basket to receive the lamp body A. The outer end of the section 4 is also provided with a loop 14, bent around and fixedly holding a gas burner tip 15. The tip 15 is provided with a holding extension 16 adapted to receive the flexible gas pipe B. The pipe B is of usual construction, having a reinforcing resilient end C for engaging the extension 16 of the tip 15. It is to support the pipe B conveniently that the section 3 is provided with a loop or hook 17.

In manufacturing the preferred form of bracket, the gas tip 15 is mounted in the basket 12 in the manner shown. It should be understood, however, that I do not confine myself to a bracket in which provision is made for both lamp and gas burner. A large part of the demand which this invention is designed to supply, employs the bracket for the purpose of holding a lamp only.

The vertical running rod 7 is secured to the building or other structure by means of bracket standards 18, 18. The preferred form of mounting the rod is to form a permanent pivot at the upper bracket standard 18 and to use a cotter or slip pin for securing the lower end in position between the wings of the lower bracket 18. I find this a convenient form of mounting, as it permits the ready removal of the bracket from the rod for cleaning, repair or storage.

In use it is obvious that the bracket may be vertically adjusted upon the rod 7 by loosening the screw 8 and sliding the bracket vertically on the said rod. When the desired position of the bracket on the rod is reached, the screw 8 is set up to hold the bracket in position. It will be noted that the shape of the bracket is such that the weight resting at the end of the extended sections 3 and 4, causes the bearings 5 and 6 to pinch or jam on the rod 7, thereby relieving the supporting screw 8 from the strain of supporting the lamp A or other



globe placed thereon. The adjustment horizontally is regulated by releasing the nut 11 and sliding the section 4 in or out the loop 10, the plates 9 serving as a guide in this action. When the proper adjustment is arrived at, the parts are rigidly set by turning up the nut 11.

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

1. An adjustable lamp bracket comprising a vertical supporting rod; a bracket section having socket bearings infolding said rod and having a sliding loop at the outer end of said bracket section; a straight bar extended through said loop and provided with a loop on the inner end thereof surrounding the lower member of said bracket section in sliding relation therewith; a gas burner fixedly mounted in the end of said straight bar and having an extension adapted to receive a flexible gas pipe; a set screw mounted in said straight bar adapted to holdingly engage the lower member of said bracket section; and a set screw mounted in said bracket section to holdingly engage the said vertical rod.

2. An adjustable lamp bracket comprising a vertical supporting rod; a bracket section having sliding bearings mounted on said rod; said section having a plurality of framing members joined to form therefor a sliding loop; a straight bar extension member slidably mounted in said loop; a loop fixedly mounted on the straight bar extension member and slidingly engaging one of the framing members of said bracket section; a gas burning fixture rigidly mounted in the end of said straight bar extension member, said fixture having a depending section adapted to holdingly engage a flexi-

ble gas tube; a set screw mounted in said extension member adapted to holdingly engage the framing member with which the said loop is engaged; a set screw mounted in said bracket section to impinge upon and holdingly engage the said vertical rod; and a supporting hook fixedly mounted on said bracket section at near the said rod, adapted to support the said tube.

3. An adjustable lamp bracket comprising a vertical supporting rod; a bracket section having sliding bearings mounted on said rod, said section having a plurality of framing members joined to form therefor a sliding loop; a straight bar extension member slidably mounted in said loop; a loop fixedly mounted on the straight bar extension member and slidingly engaging one of the framing members of said bracket section; a gas burning fixture rigidly mounted in the end of said straight bar extension member, said fixture having a depending section adapted to holdingly engage a flexible gas tube; a set screw mounted in said extension member adapted to holdingly engage the framing member with which the said loop is engaged; a set screw mounted in said bracket section to impinge upon and holdingly engage the said vertical rod; a supporting hook fixedly mounted on said bracket section near the said rod, adapted to support the said tube; and a lamp supporting fixture mounted on said extension member to surround said gas burning fixture.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ANSEL POWELL SMITH.

Witnesses:

JOHN G. DEUBERT,  
ANTONIO PALERMO.