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ADJUSTABLE BRACKET.

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935,416. Patented Sept. 28, 1909.

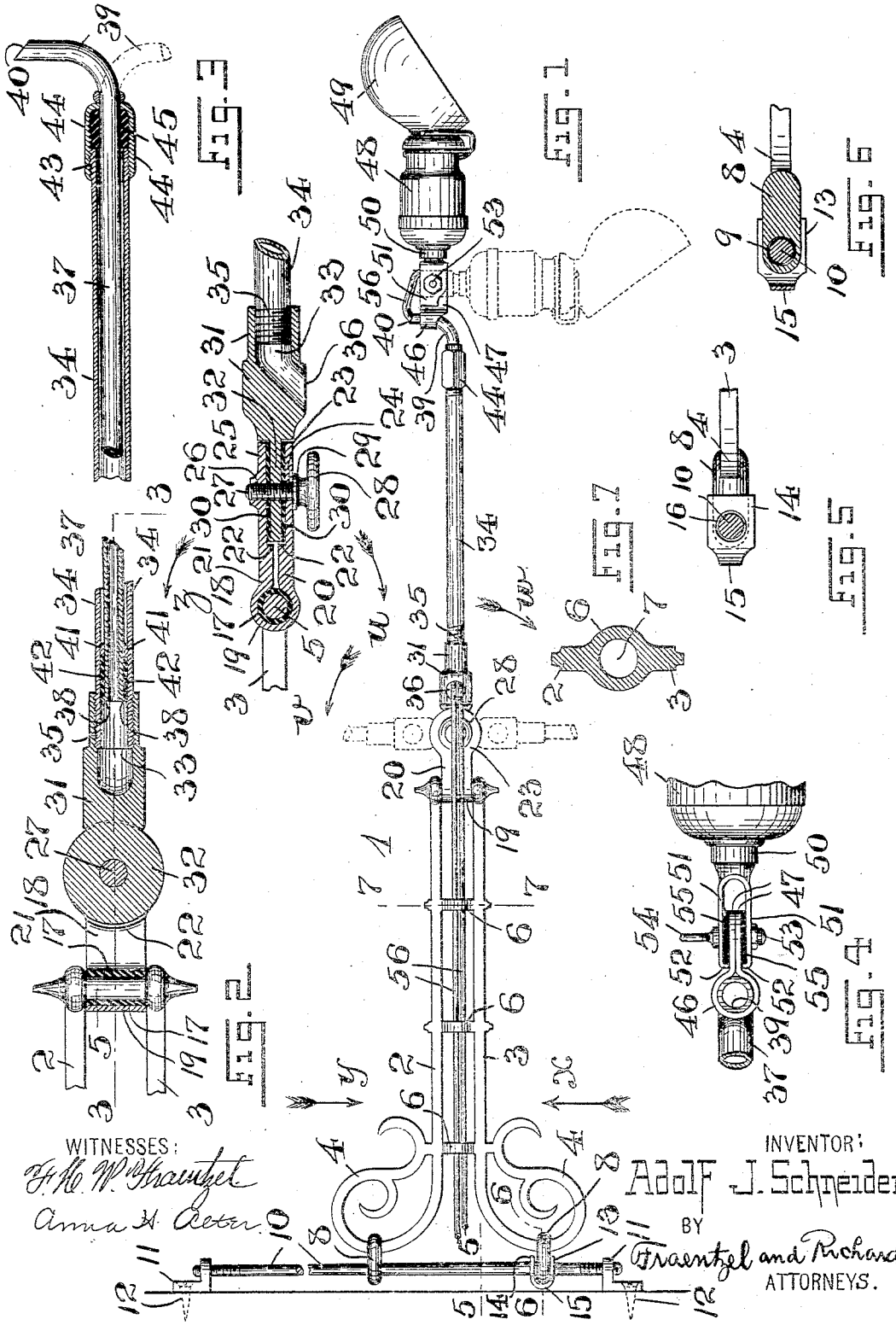

Fig. 1



Fig. 3



Fig. 2



Fig. 4



Fig. 6



Fig. 5



Fig. 7

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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE BRACKET.

935,416. Specification of Letters Patent. Patented Sept. 28, 1909.

Application filed October 31, 1908. Serial No. 460,392.

*To all whom it may concern:*

Be it known that I, ADOLF J. SCHNEIDER, a subject of the Emperor of Austria-Hungary, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Adjustable Brackets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

This invention relates, generally, to improvements in lamp-brackets; and, the present invention has reference, more particularly, to a novel construction of adjustable bracket for gas and especially for electric lamps, but which may also be put to other uses.

The invention has for its principal objects to provide an adjustable bracket which is strong and which is easily adjustable, the various parts being extensibly, rotatably and pivotally connected, so that the portion of the bracket which carries the lamp, or other object, may be safely moved to any desired point, either over a desk or table, or any part of a room, or a piece of machinery, or other apparatus or device with which it is intended to use the adjustable bracket.

This invention has for its further object to provide an adjustable bracket or hanger which is especially adapted for an electric light bracket in which the electric wires are compactly and neatly arranged in such a manner that they are out of the way and need not be handled while adjusting and readjusting the bracket, and will not in the least interfere with the extensible, the rotary, the pivotal, and the vertical and horizontal movements of the various parts of the bracket.

Other objects of this invention not at this time more particularly enumerated will be clearly understood from the following detailed description of my present invention.

With the various objects of my present invention in view, the same consists, primarily, in the novel adjustable brackets, the parts of which are rotatably and pivotally connected, so that they can be moved into vertical or horizontal planes, while also being adapted to be extended, as will hereinafter more fully appear; and, the invention consists, furthermore, in the novel arrangements and combinations of the devices and parts, as well as in the details of the construction of the same, all of which will be fully described in the following specification and then finally embodied in the clauses of the claim which are appended to and which form an essential part of this specification.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a side elevation of an adjustable bracket showing one embodiment of this invention; and Fig. 2 is a detail longitudinal vertical section, made on an enlarged scale, of certain portions of the bracket, said view illustrating the extensible, as well as some of the rotatable and pivotal adjustments of the parts, in the various planes either vertically or horizontally. Fig. 3 is a horizontal sectional representation of the parts, said section being taken on line 3—3 in said Fig. 2. Fig. 4 is a detail plan view of the adjustable lamp-receiving or socket end-portion of the bracket. Fig. 5 is a detail horizontal section, taken on line 5—5 in said Fig. 1; Fig. 6 is a similar section, said section being taken on line 6—6 in said Fig. 1, both of said sections being made on an enlarged scale; and Fig. 7 is a transverse section taken on line 7—7 in said Fig. 1.

Similar characters of reference are employed in all of the above described views, to indicate corresponding parts.

Referring now to the said drawings, the reference-character 1 indicates the complete bracket, the same comprising a main and ornamental frame-like member or element which may be of any suitable construction and ornamentation, but which may be made as indicated in Fig. 1 of the drawings, which view shows one form of such frame-like bracket-member or element. This member or element in this instance is preferably cast in metal, and comprises a pair of longitudinally extending bars or rods 2 and 3 which terminate at the back in ornamental end-portions 4 and are connected at the front by means of a pivot-post or shank 5. The said bars or rods 2 and 3 may also be connected by means of the cross-members or elements 6 which are provided with suitable holes or openings 7, substantially as shown in Fig. 7 of the drawings. That this frame-like

bracket-member or element may be adjustably attached to the wall, or to a piece of furniture, or other device, each end-portion 4 has a rearwardly extending plate or arm 8 provided with an opening or hole 9. These plates or arms are mounted upon a rod or bar 10, provided at its respective ends with L-shaped or other suitably formed fastening devices 11 which may be attached to the wall or the article of furniture, or the like, by means of screws 12, as will be clearly evident. The said plates or arms 8 permit of a vertical, as well as a horizontal motion of the said main frame-like bracket-member or element, as will be clearly evident, and that the said member or element can be readily moved upon or down upon the rod or bar 10, and automatically held in its vertically adjusted position upon said rod or bar 10, a slidable supporting device may be employed. This device consists, essentially, of a pair of members or parts 13 and 14, said members being connected by means of a part 15, so as to form a ⊂-shaped spring-clamp or holder. Each member or part 13 and 15 is made with a hole or opening 16 through which the rod or bar 10 extends, and the cross-sectional area of each hole or opening 16 being slightly larger than the cross-area of the rod or bar 10. When the various parts are in their normal initial positions represented in said Fig. 1 of the drawings, the combined weight of the frame-like bracket and other parts connected therewith will cause the rearwardly extending plate or arm 8 to bear directly upon the part 13 of the supporting device, whereby the bracket will be maintained in a stationary position upon the rod or bar 10, owing to the frictional engagement of the spring-arms or parts 13 and 14 against the rod or bar 10. To slide the bracket in an upward direction, indicated by the arrow *x*, the operator by means of the hand pushes against the under surface of the spring-arm 13, whereby the parts are sufficiently released from their frictional holding engagement with the rod or bar 10, to easily slide the parts in an upward direction upon the rod or bar 10. As soon as the pushing pressure is taken from against the lower surface of the arm 13, frictional holding engagement again takes place between the parts, and the bracket will be held in its vertically adjusted position. In a like manner, to slide the bracket in a downward direction, indicated by the arrow *y*, the operator by means of the hand pushes against the upper surface of the spring-arm 14, whereby the parts are again released from their frictional holding engagement with the rod or bar 10, to readily bring the bracket into any one of its lowered positions upon said rod or bar 10, as will be clearly understood.

From an inspection of Figs. 2 and 3 of the drawings, it will be seen that the pivot-post or shank 5 may be surrounded by a piece of material or fabric 17, as a piece of rubber, fiber, or the like, forming a friction sleeve; and, adapted to oscillate or swing thereon, in either of the directions indicated by the arrows *z* and *u* in Fig. 3 of the drawings, is the bearing-portion 19 of an attaching member or element 18. This member or element consists of a pair of plate-like parts or arms 20 and 21 which are connected with and extend from the bearing-portion 19, substantially as shown, and are provided with shouldered parts or offsets 22, as shown in Fig. 3 of the drawings. The arm 20 is made with an enlargement 23 having a circular hole or perforation 24, and the said arm 21 is made with an enlargement 25 having an internally screw-threaded hole 26. Extending through the hole 24 is a screw or pintle 27 which is provided with a suitable fingerpiece 28, the said screw or pintle being made with a shoulder 29 and having its screw-threaded shank extending across the space which is formed between the two enlargements 23 and 25 and having a portion thereof screwed into the screw-threaded hole 26. Upon the said screw or pintle 27 may be placed a pair of friction-disks 30 made from such material or fabric, as rubber, fiber, or the like, and arranged upon said screw or pintle, so as to be capable of oscillation thereon, in either of the directions of the arrows V and W, see Fig. 1, is a perforated disk-shaped element 32 of a socket-member 31, the said friction-disks 29 being respectively arranged between the contiguous surfaces of said enlargements 23 and 25 and the element 32, substantially in the manner represented in Fig. 3 of the drawings, so that the parts will be capable of oscillatory movements with relation to each other, so as to be adjusted, and can be fixed in their adjusted positions by the screwing up of the pintle 27 which firmly brings the several parts into their tightened or clamped relation, as will be evident. As shown, the socket-member 31 is provided with an internally screw-threaded receiving socket 33 into which is screwed one of the screw-threaded portions 35 of a tubular rod or bar 34, and the said socket extending to one side of the socket-member 31 and terminating in an opening 36 in said side. Slidably and rotatably arranged within said tubular rod or bar 34 is a tubular extension rod or bar 37, one of its end-portions being preferably surrounded by an annular bead 38 and having its other end-portion 39 bent at an angle and made preferably with the slanting end 40, substantially as shown. Encircling the end of the extension rod or bar and arranged between a ring-shaped member 41 and the bead 38 is a suitable friction-sleeve or collar 42, see Fig. 2, which may be made of rubber, fiber, or the like. Upon a screw-threaded

portion 43 of the tubular rod or bar 34 is a nut-shaped packing member 44 in which is arranged a friction-sleeve or collar 45 which can be compressed against the end of the rod or bar 34 when the member 44 is screwed up, so as to cause said packing member to bind in frictional engagement with the surface of the tubular extension rod or bar 37, which it encircles, so that the said rod will be more readily retained in its extended position, or in any one of its rotated positions, as the case may be, and as will be fully understood from an inspection of said Fig. 2 of the drawings. Suitably retained in its clamped position upon the bent end-portion 39 of the extension bar or rod 37 is a bearing-portion or sleeve 46 formed with a pair of perforated ears or lugs 47. The reference-character 48 indicates a lamp-socket, with which may be used a lamp-shade, as 49. The lamp-socket is provided with a hub-like member 50 formed with a pair of perforated arms or plate-like elements 51, each arm or element 51 having a bent clamping portion 52. A pintle or screw 53, provided with a fingerpiece 54, is arranged in the perforations of the ears or lugs 47 and the arms or plate-like members 51, and arranged upon said pintle or screw 53 and between each ear or lug 47 and each member 51 is a friction-disk or plate 55 of rubber, fiber, or the like, as clearly shown in Fig. 4 of the drawings. In this manner, these parts are assembled in their operative positions, and it will be seen, that while the extension arm or rod 37 can be rotated or revolved so as to turn the lamp axially with said arm or rod 37, the lamp-fixture may also be set at any suitable angle, as clearly indicated in the dotted outline in Fig. 1 of the drawings and as will be clearly understood from an inspection of said Fig. 1.

From the foregoing description of my present invention it will be clearly understood that I have provided a very effectively operating bracket adapted for various uses, the jointed members of which can be moved into various and innumerable positions with relation to each other.

When the bracket is used with an electric lamp, the electric light wires 56 are taken from the tubular hub-member 50 through the space between the arms or plate-like members 51, and led into the open end 40 of the rod or bar 37 and through the latter into the socket-member 31. The wires are then taken from the opening 36 of said member 31 and led between the arms 2 and 3, and through the openings 7 in the cross-members 6 of the frame-like bracket-member, to be suitably connected with the main source or supply of the electric current.

When the adjustable bracket is to be used as a gas-fixture, the various parts which are connected with the bent member 39 of the extension arm or rod 37 are removed therefrom, and an ordinary gas-burner is placed upon said member 39, and a piece of flexible tubing, or other gas-conveying means, is connected with the socket-member 31, preferably at the opening 36 in the side of the same.

I am fully aware that changes may be made in the various arrangements and combinations of the devices and parts, as well as in the details of the construction of the same without departing from the scope of my present invention as defined in the appended claims. Hence I do not limit my invention to the exact arrangements and combinations of the devices and parts as described in the foregoing specification, nor do I confine myself to the exact details of the construction of the various parts as illustrated in the accompanying drawings.

I claim:—

1. In an adjustable bracket, the combination with a frame-like member, of a tubular rod pivotally connected at its one end-portion with said member, and a tubular extension arm both slidably and rotatably arranged within said tubular rod, said extension arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

2. In an adjustable bracket, the combination with a frame-like member, of a tubular rod pivotally connected at its one end-portion with said member, a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, substantially as and for the purposes set forth.

3. In an adjustable bracket, the combination with a frame-like member, of a tubular rod pivotally connected at its one end-portion with said member, a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, substantially as and for the purposes set forth.

4. In an adjustable bracket, the combination with a frame-like member, of a tubular rod pivotally connected at its one end-portion with said member, a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing-portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

5. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a bearing-portion arranged so as to swing upon said pivot-post, perforated plate-like arms extending from said bearing-portion, a pintle in the perforation of said arms, a tubular rod pivotally connected with said pintle, and a tubular extension arm both slidably and rotatably arranged within said tubular rod, substantially as and for the purposes set forth.

6. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a bearing-portion arranged so as to swing upon said pivot-post, perforated plate-like arms extending from said bearing-portion, a pintle in the perforation of said arms, a tubular rod pivotally connected with said pintle, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, substantially as and for the purposes set forth.

7. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a bearing-portion arranged so as to swing upon said pivot-post, perforated plate-like arms extending from said bearing-portion, a pintle in the perforation of said arms, a tubular rod pivotally connected with said pintle, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

8. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a bearing-portion arranged so as to swing upon said pivot-post, perforated plate-like arms extending from said bearing-portion, a pintle in the perforation of said arms, a tubular rod pivotally connected with said pintle, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, substantially as and for the purposes set forth.

9. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a bearing-portion arranged so as to swing upon said pivot-post, perforated plate-like arms extending from said bearing-portion, a pintle in the perforation of said arms, a tubular rod pivotally connected with said pintle, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, substantially as and for the purposes set forth.

10. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a bearing-portion arranged so as to swing upon said pivot-post, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a tubular rod pivotally connected with said pintle, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket-supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably dis-

posed upon the said bent end-portion, perforated ears extending from said bearing-portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

11. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, substantially as and for the purposes set forth.

12. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, substantially as and for the purposes set forth.

13. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing-portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

14. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, substantially as and for the purposes set forth.

15. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, substantially as and for the purposes set forth.

16. In an adjustable bracket, the combination with a frame-like member, of a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing-portion, and a

pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

17. In an adjustable bracket, in combination, a vertically supported rod, a frame-like member slidably arranged upon said rod and having a laterally swinging motion, a tubular rod pivotally connected at its one end-portion with said member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing-portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

18. In an adjustable bracket, in combination, a vertically supported rod, a frame-like member slidably arranged upon said rod and having a laterally swinging motion, a tubular rod pivotally connected at its one end-portion with said member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, substantially as and for the purposes set forth.

19. In an adjustable bracket, in combination, a vertically supported rod, a frame-like member slidably arranged upon said rod and having a laterally swinging motion, a tubular rod pivotally connected at its one end-portion with said member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, substantially as and for the purposes set forth.

20. In an adjustable bracket, in combination, a vertically supported rod, a frame-like member slidably arranged upon said rod and having a laterally swinging motion, a tubular rod pivotally connected at its one end-portion with said member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, a friction-collar surrounding the one end-portion of said extension-arm within said tubular rod, a nut-shaped packing member upon the free end of said tubular rod, and a friction-collar within said packing-member, said collar encircling said tubular extension-arm, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing-portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

21. In an adjustable bracket, in combination, a vertically supported rod, a frame-like member slidably arranged upon said rod and having a laterally swinging motion, a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, substantially as and for the purposes set forth.

22. In an adjustable bracket, in combination, a vertically supported rod, a frame-like member slidably arranged upon said rod and having a laterally swinging motion, a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and extending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, substantially as and for the purposes set forth.

23. In an adjustable bracket, in combination, a vertically supported rod, a frame-like member slidably arranged upon said rod and having a laterally swinging motion, a pivot-post carried by said member, a friction-sleeve surrounding said post, a bearing-portion arranged so as to swing upon said sleeve, perforated plate-like arms extending from said bearing-portion, a pintle in the perforations of said arms, a socket-member pivoted upon said pintle, friction-disks upon said pintle, a tubular rod connected with and ex-

tending from said socket-member, and a tubular extension-arm both slidably and rotatably arranged within said tubular rod, said extension-arm having a bent end-portion, and a lamp-socket supporting member pivotally connected with said bent end-portion, said supporting member comprising a bearing-portion movably disposed upon the said bent end-portion, perforated ears extending from said bearing-portion, and a pivot-pin in said perforated ears upon which the lamp-socket is pivotally arranged, substantially as and for the purposes set forth.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 24th day of October 1908.

ADOLF J. SCHNEIDER.

Witnesses:

FREDK. C. FRAENTZEL,

FREDK. H. W. FRAENTZEL.