No. 654,923. Patented July 31, 1900.

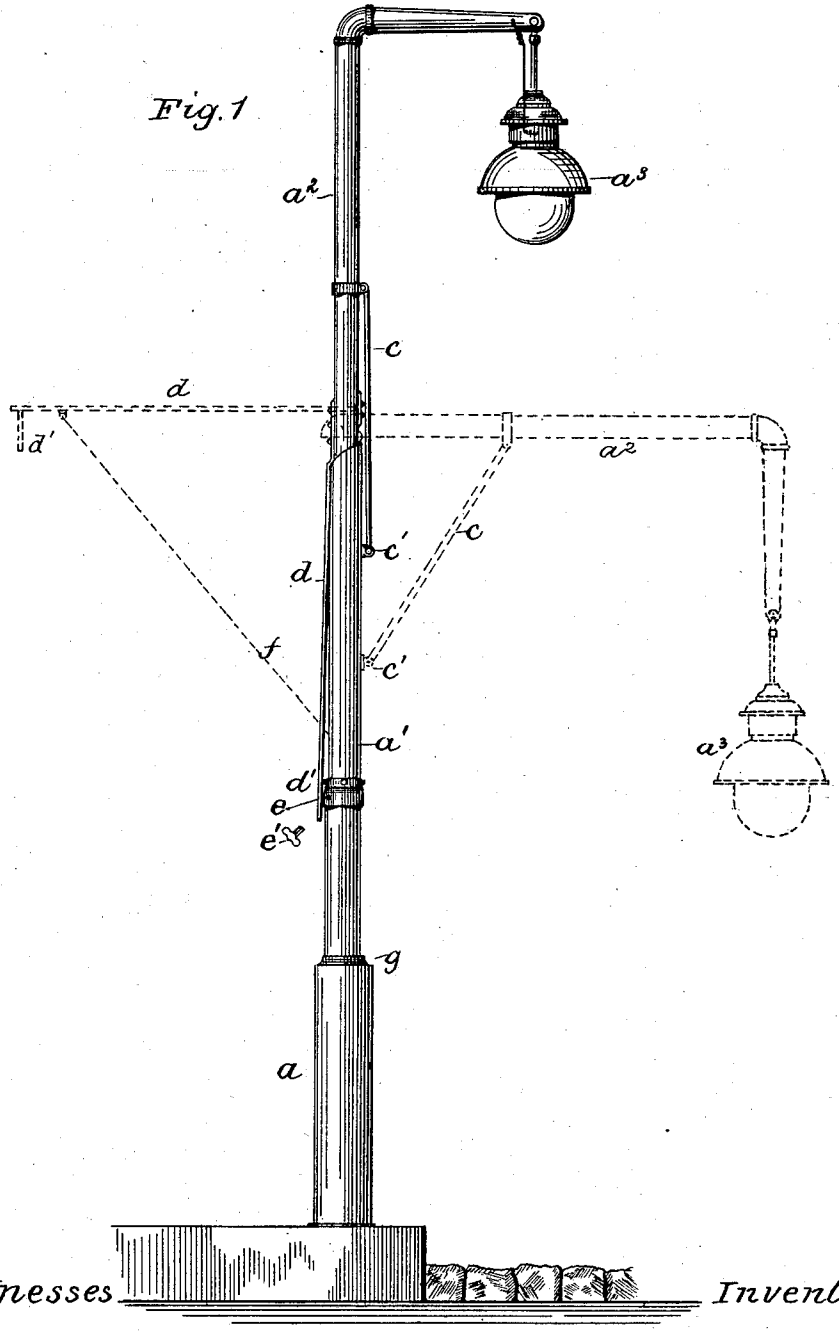
G. D. SCOTT.

LAMP POST.

(Application filed Mar. 26, 1900.)

(No Model.) 2 Sheets—Sheet 1.

Fig. 1



Witnesses

E. E. Masson

E. W. Hart

Inventor:

George D. Scott,

by Augustus B. Stoughton

atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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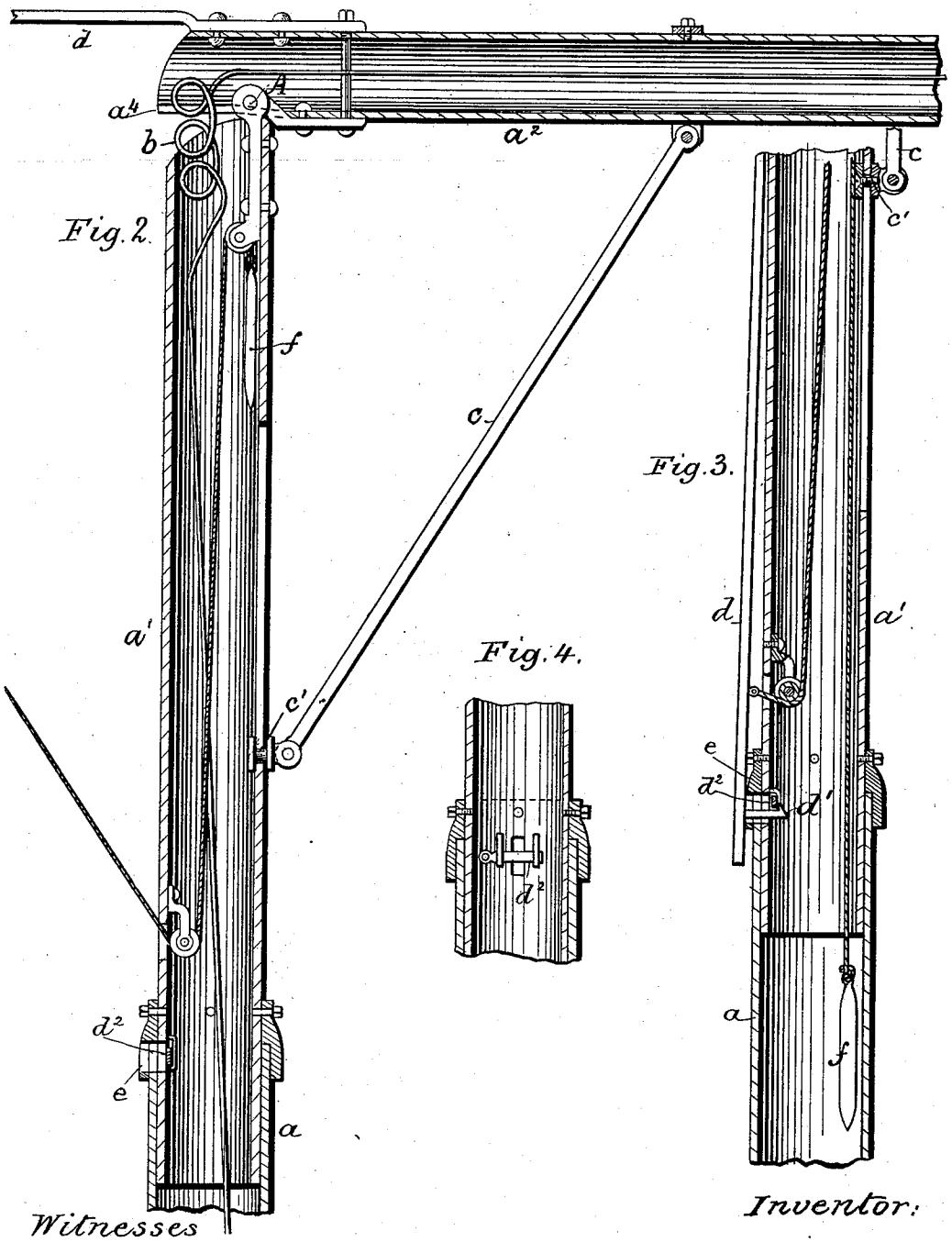


Fig. 2.

Fig. 3.

Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE D. SCOTT, OF BIRMINGHAM, ALABAMA, ASSIGNOR TO THE KITSON HYDROCARBON HEATING AND INCANDESCENT LIGHTING COMPANY, OF PHILADELPHIA, PENNSYLVANIA.

LAMP-POST.

SPECIFICATION forming part of Letters Patent No. 654,923, dated July 31, 1900.

Application filed March 26, 1900. Serial No. 10,264. (No model.)

To all whom it may concern:

Be it known that I, GEORGE D. SCOTT, a citizen of the United States, residing at Birmingham, in the county of Jefferson and State of Alabama, have invented a certain new and useful Lamp-Post, of which the following is a specification.

The object of the present invention is to provide a lamp-post that will permit of its being readily raised and lowered to the end that the light may be conveniently attended to or trimmed from the ground in safety in small thoroughfares and other places where people and wagons are continually passing to and fro; and the invention consists of the improvements hereinafter described and claimed.

The nature, characteristic features, and scope of the invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, and in which—

Figure 1 is a side elevational view showing the lamp-post embodying features of my invention and illustrating in full lines the light hanging above the street and showing in dotted lines the light in lowered position and ready to be turned into position for cleaning, &c., above the sidewalk. Fig. 2 is a sectional view drawn to an enlarged scale and illustrating the hinged member in lowered position. Fig. 3 is a sectional view drawn to an enlarged scale and illustrating the lower portion of the lamp-post and showing the position of the locking attachment when the light is in normal position, and Fig. 4 is a detail view of the locking attachment.

Referring to the drawings, a is the base of the lamp-post, carrying two movable members a' and a^2, which, as shown, are afforded a rotary and an oscillating or hinged movement, respectively. The member a^2 may have an arm or projection which is adapted to carry a light a^3, movably suspended therefrom. Rising through the post from an oil-reservoir is an oil-supply tube b, which leads to the light a^3 and is adapted to convey oil under pressure thereto, where it becomes vaporized in the usual manner and is ignited. This supply-tube is of very small dimension in cross-section and has much the resemblance of a wire. In order to permit of the proper movement of the various parts of the lamp-post, the supply-tube is coiled, as shown, which coil compensates for the movement of the members without interfering with the supply of oil to the light a^3. Attached to the member a^2 is a link, as c, which carries a cross-head c', adapted to work in a slot cut in or in ways provided on the member a'. This permits of the light being brought and held in proper position for cleaning and lighting when the member a^2 has been released from the locking attachment and turned down, as will be hereinafter described. Fixed to the member a^2 is a rod d, provided with a part or pin d', having a twofold purpose—namely, to hold the light in normal position by engaging a latch d^2 and to lock the lamp-post against the rotary movement when in normal position by penetrating the overlapping portions of the parts a and a'. The latch d^2 is provided with a shank e, protruding from the lamp-post and adapted to receive a key, as e', which the attendant in charge uses to release the latch and permit of the light being lowered and rotated, so that it may be swung above the pavement.

Referring now to Fig. 1 and as illustrated in full lines, the lamp and post are in normal position. The rod d is held by the latch d^2, thus locking all the movable members of the post. The attendant in charge wishing to clean, adjust, or light the lamp uses his key e', in connection with the shank e, to lift the latch, and a slight turn will be sufficient to release the latch d^2, whereupon the member a^2 is caused to turn about its pivot A into the position shown by the dotted lines. The slot a^4 accommodates the tube b. Thus it is not injured when the top of the post is turned about its hinge. The cross-head c', abutting against the lower end of the slot in the member a', serves to hold it in this position, and the counterbalance f prevents sudden movements or jars. Were he to clean, adjust, or light the lamp while in the position shown by the dotted lines he would have to stand in the street, where he would be placed in a very inconvenient position, owing to the numerous vehicles passing to and fro, and es-

pecially is this true where the thoroughfares are narrow, when it would be dangerous, as well as inconvenient. To obviate this in my present invention, I have made my lamp-post rotatable, whereby the attendant in charge can swing the lamp a^3 around, so that the light hangs above the pavement, where he can in safety readily attend to his several duties. As shown, this is accomplished by providing the member a' with a flanged cap g, which works on the top of the base a. The flange operates to shed water. After having attended to the lamp he turns the arm a^2 out over the street and causes the arm d to descend, and thus cause the pin d' to engage the latch d^2 and lock the parts and prevent their rotation.

It will be obvious to those skilled in the art to which the invention appertains that modifications may be made in details without departing from the spirit thereof. Hence I do not limit myself to the precise construction and arrangement of parts hereinabove set forth, and illustrated in the drawings; but,

Having thus described the nature and objects of the invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination in a lamp-post having a slot, of a member hinged to the post and provided with a lateral projection, a counterbalance connected with the hinged member, a link pivoted to said hinged member, and a cross-head working in the slot in the post and attached to the link for guiding and holding the hinged member in respect to the post, substantially as described.

2. The combination in a lamp-post of a base, a post portion revolubly mounted on top of the base, a member hinged to the post portion and having a lateral projection, a lamp hinged to said portion, and means for guiding and holding the hinged and revoluble members in respect to the base, substantially as described.

3. The combination in a lamp-post of a base carrying two members, whereof both are afforded a rotary movement and the one an oscillating movement, a lamp suspended from the oscillating member and adapted to respond to changes in its position, means for raising and lowering the member carrying the lamp, and a locking attachment whereby when said member is in lowered position the revoluble member is free to turn, substantially as described.

4. A lamp-post consisting of a base, a latch, a post portion revolubly mounted on the base, a hinged member terminating in an arm or projection having a movable lamp, a cross-head and its complemental link adapted to guide the hinged member, and a rod attached to the hinged member and having a pin adapted to engage the latch when in normal position and when in abnormal position to permit of the post portion being rotated, substantially as described.

5. A lamp-post consisting of a base, a revoluble post portion, a slotted hinged member carrying a movable lamp, and a supply-tube leading to the movable lamp through the members and coiled to permit the members to rotate and oscillate without interfering with the supply, substantially as described.

In testimony whereof I have hereunto signed my name.

GEO. D. SCOTT.

Witnesses:
W. B. ANDERSON, Jr.,
C. S. HARRISON.