

(No Model.)

J. STEWART.  
ELECTRIC LAMP ADAPTER.

No. 421,630.

Patented Feb. 18, 1890.

Fig. 7.

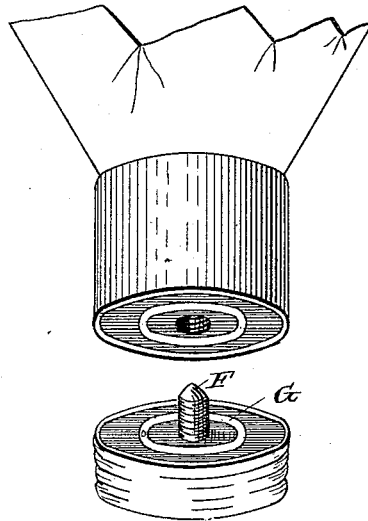


Fig. 1.

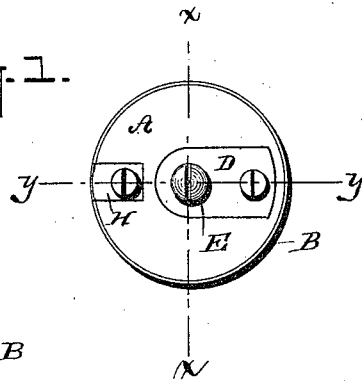


Fig. 3.

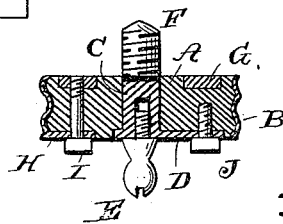


Fig. 2.

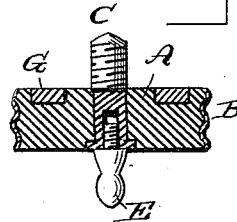


Fig. 4.

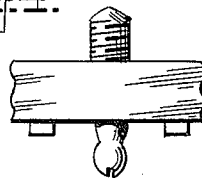


Fig. 5.

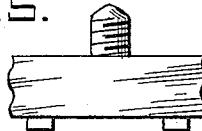
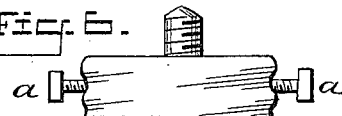


Fig. 6.



WITNESSES:

D. D. Mott  
C. Sedgwick

INVENTOR:

J. Stewart  
BY Munn & Co.  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JAMES STEWART, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO  
EDMUND C. STANTON, OF SAME PLACE.

## ELECTRIC-LAMP ADAPTER.

SPECIFICATION forming part of Letters Patent No. 421,630, dated February 18, 1890.

Application filed August 4, 1888. Renewed January 20, 1890. Serial No. 337,502. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES STEWART, of the city, county, and State of New York, have invented a new and Improved Electric-Lamp

5 Coupling or Adapter, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is an inverted plan view of my improved lamp coupling or adapter. Fig. 2 is a diametrical section taken on line *xx* in Fig. 1. Fig. 3 is a diametrical section taken on line *yy* in Fig. 1. Figs. 4, 5, and 6 show the device modified to adapt it to different kinds of

15 lamps; and Fig. 7 is a perspective view of the coupling or adapter, showing its application to a lamp.

Similar letters of reference indicate corresponding parts in all the views.

20 The object of my invention is to construct a device by which lamps of different kinds may be adapted to lamp-sockets not made for their reception.

My invention consists in the construction and arrangement of parts, as will be hereinafter fully described and claimed.

The button A, which is of insulating material, is provided with a metallic band B around its periphery, which is screw-threaded to fit it to the class of lamp-sockets provided with a corresponding internal screw-thread. In the center of the button is inserted a centrally-bored stud C, provided with an arm D, extending laterally toward the periphery of the button. The stud C is internally threaded to receive the screw-threaded shank of the knob E, and its upper end F is screw-threaded. In the face of the button, opposite the arm D, is inserted a metallic contact-ring G. In the face of the button in which the arm D is inserted, and upon the opposite side of the knob E, is embedded a plate H, which forms an electrical contact with the metallic band B, and which is held in place by a screw I, passing through the button and entering the ring G, the screw also forming an electrical contact between the said ring and the plate H.

In the arm D is inserted a screw J, which is required for making an electrical contact in some forms of lamp-sockets. In lamp-sockets not provided with an internal screw-thread, but furnished with rectangular notches forming a part of a bayonet-joint, a coupling or adapter provided with screws or studs *a*, projecting from diametrically-opposite sides thereof, is required.

My improved coupling or adapter is capable of forming an electrical connection between lamps having a central screw-socket, as shown in Fig. 7, and any form of lamp-socket in common use. The under surface of the lamp coupling or adapter is capable of forming a connection with a socket provided with springs for engaging the knob E, the other contact being made with the band B or the screw I; or the knob E may be removed and the contact then be made with the screws I J.

The contact between a lamp and the upper surface of the adapter may be effected by means of the screw-stud C and ring G.

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

1. An electric-lamp adapter formed of a button of insulating material, a screw-threaded peripheral band surrounding the said button, a ring embedded in the said button and connected electrically with the band, and a central stud provided with a contact-piece, substantially as and for the purpose specified.

2. The combination, with the button A of insulating material, of the screw-threaded band B, encircling the button, the metallic ring G, embedded in the said button and connected electrically with the band B, the central screw-threaded stud F, and the stud E, inserted in the end of the stud F, substantially as and for the purpose specified.

JAMES STEWART.

Witnesses:

C. SEDGWICK,  
E. M. CLARK.