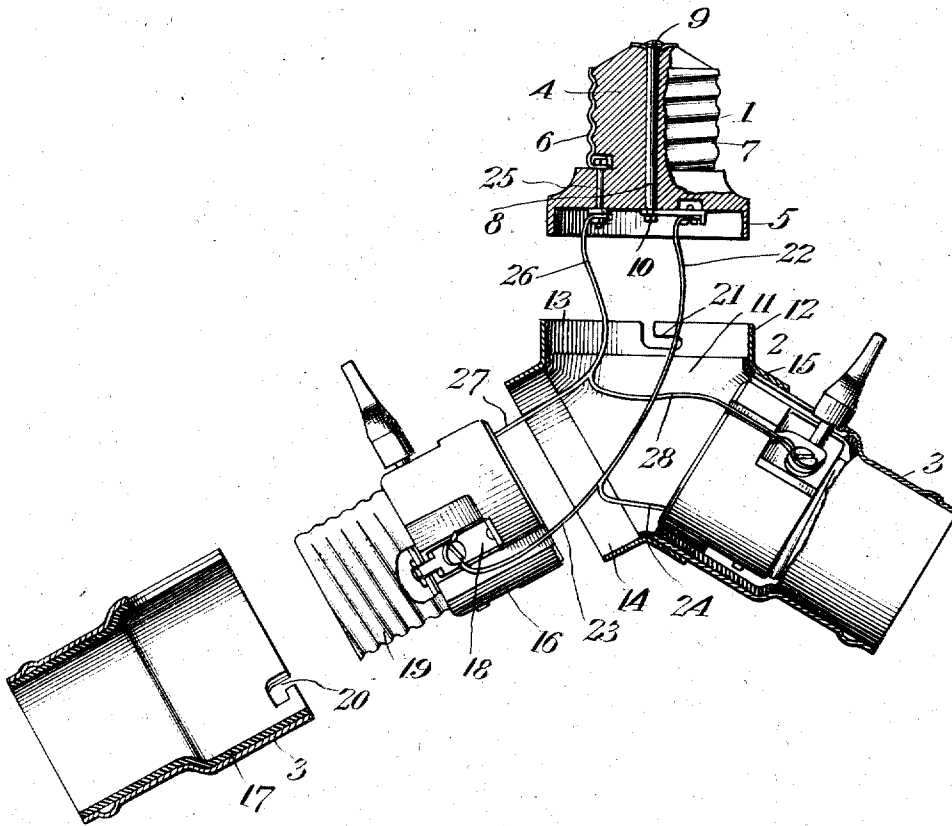


L. H. FIGGE.
 MULTIPLE PLUG SOCKET.
 APPLICATION FILED OCT. 30, 1909.

991,289.

Patented May 2, 1911.



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LOUIE H. FIGGE, OF LOS ANGELES, CALIFORNIA.

MULTIPLE-PLUG SOCKET.

991,289.

Specification of Letters Patent.

Patented May 2, 1911.

Application filed October 30, 1909. Serial No. 525,528.

To all whom it may concern:

Be it known that I, LOUIE H. FIGGE, a citizen of the United States, residing at 2623 Huron street, Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Multiple-Plug Sockets, of which the following is a specification.

The invention relates to an improvement in plug sockets for electric connections, and is particularly directed to a single plug connection carrying a series of sockets for the attachment thereto of a plurality of service plugs.

The main object of the present invention is the provision of a plug adapted for connection with a wall or ceiling socket and carrying a plurality of independent sockets for the reception of separate fixtures, all of the sockets being in electrical connection with the main plug.

The invention in the preferred form will be described in the following specification, reference being had particularly to the accompanying drawings in which the figure represents a view in elevation partly in section showing the improved multiple socket plug, the parts of one socket being connected and the parts of the other socket being separated.

The improved multiple plug socket is made up to include a plug 1, a coupling body 2 and a plurality of sockets 3, the latter being designed to receive electric attachment plugs, the plug 1 designed to engage any fixed socket.

The plug 1 is of the usual type comprising an insulated section 4 of approximately uniform diameter for a portion of its length and then gradually increase to the maximum diameter to provide a base section 5. The plug is provided on its exterior surface with a snug fitting metallic casing 6, forming one of the plug conductors, said casing being threaded at 7 for engagement with the threads of the socket, as is usual. The section 4 of the plug is centrally provided with a rod conductor 8, terminating at the respective ends of the plug in disk heads 9 and 10, as shown, the former being designed to engage the central conductor terminal in the fixed socket.

The body comprises an insulating section 11 having a sectional shape corresponding to the number of sockets designed to be connected to the plug 1. In the instance shown,

where two sockets are connected to the plug, the section 11 is triangular in shape with the respective faces circular in plan. The body is covered by a metallic facing 12, projected beyond each face of the body in the form of an annular member, one of said members, as 13, being designed to engage the base portion 5 of the plug 1, and the remaining members 14 and 15 being designed to engage the socket sections. The sockets are of duplicate construction, including the usual socket 16 and the socket casing 17 adapted to receive and retain said socket 16 to the body 2, the plug carrying the usual contacts 18 and 19. The socket section 17 of each socket is designed to engage one of the annular members of the body, said section 17 being for this purpose formed with a bayonet slot 20 designed to engage a pin formed on the particular member, so that the sockets may be connected with the body in an obvious manner. The body is also connected with the plug, by the similar connection, the body in this instance being formed with one or more bayonet slots 21 to engage a suitable pin formed on the extension 5 of the plug.

A conductor 22 is connected to the terminal 10 of the plug and within the body branched to provide conductors 23 and 24 which may be connected to the respective plug portions of the socket members, the casing 6 of the plug being, through the medium of a connecting rod 25, connected by a conductor 26 branched at 27 and 28 to the plug portions of the respective socket members. With the parts thus arranged either or both of the socket members may be supplied with current, through the usual keys in said members, as will be obvious.

The invention contemplates forming the body to provide for a plurality of sockets, preferably two as shown, but by the addition of other members similar to members 14 and 15, the device may be readily arranged to provide for three or more sockets.

If desired, in the place of the conductors 22 and 26, the interior of the body may be provided with an insulating section interiorly and exteriorly formed with connecting strips which, when the body is secured to the plug, will make proper contact with the respective plug terminals, and with either or both sockets secured in place will make proper contact with said parts. The insulating section designed to fit with-

in the body may be, and preferably is, of a shape corresponding with the sectional contour of the body so as to secure the same in proper position at all times.

5 I claim:—

In a plural lamp socket the combination with a plug of a body detachably secured thereto, a plurality of lamp sockets, and socket casings carrying said sockets, and de-

tachably secured to said body and removable therefrom independently of one another. 10

In testimony whereof I affix my signature in presence of two witnesses.

LOUIE H. FIGGE.

Witnesses:

JOSHUA D. GILBERT,
JOSEPH H. FIGGE.
