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1,485,193

J. A. MCKAY
TERMINAL MEMBER

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Fig. 1.

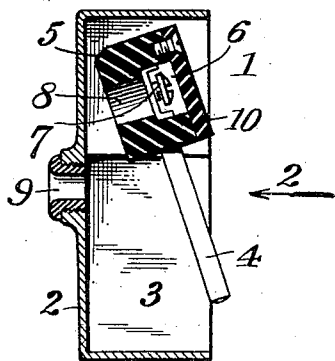


Fig. 2.

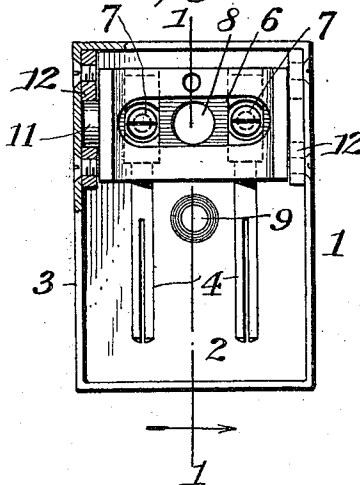


Fig. 3.

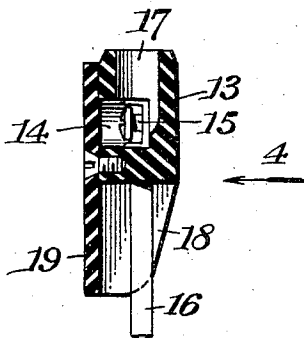
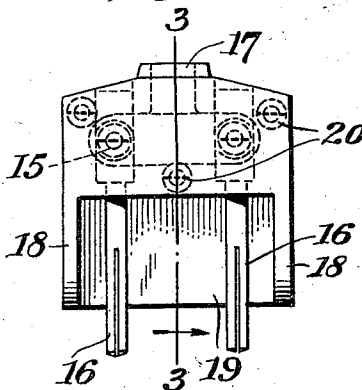


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOHN ANDREW McKAY, OF NEW YORK, N. Y., ASSIGNOR TO GENERAL ELECTRIC COMPANY, A CORPORATION OF NEW YORK.

TERMINAL MEMBER.

Application filed October 25, 1919. Serial No. 333,387.

To all whom it may concern:

Be it known that I, JOHN ANDREW McKAY, a subject of the King of Great Britain, and resident of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Terminal Members, of which the following is a specification.

The present invention relates generally to terminal members and has for its object the manufacture of a standard or universal means of securing contact in connection with portable fittings such as wall brackets, fans, vacuum cleaners, lamps and of guarding the person handling it against accidental contact with the live members of the device.

In the accompanying drawings the invention is disclosed in several concrete and preferred forms in which—

Fig. 1 is a sectional view of a terminal member on line 1—1 of Fig. 2 showing one form of the invention:

Fig. 2 is a view in elevation of the member shown in Fig. 1 looking in the direction of arrow 2 of Fig. 1, parts being removed, broken away and in sections:

Fig. 3 is a sectional view on the line 3—3 of Fig. 4 showing a modified form of the invention: and

Fig. 4 is a view in elevation looking in the direction of arrow 4 of Fig. 3.

Referring to Figs. 1 and 2, 1 indicates a carrying member having a rear wall 2 and side wall 3. 4 are the contacts carried by a head 5 of insulating material having a recessed portion 6 for the reception of binding posts 7 and a central aperture 8 through which wires may be conducted from said binding posts and through opening 9 in the rear wall. A plate 10 of insulating material covers the recessed portion. Each contact 4

is electrically connected to a binding post 7. Head 5 is provided with a trunnion 11 that turns in bearings 12 of the side walls.

Referring to Figs. 3 and 4, 13 is a head of insulating material having a recessed portion 14 for the reception of binding posts 15. Each binding post is electrically connected to a contact 16. Head 13 is also provided with a wire conduit 17 and two wings 18 projecting downwardly. 19 indicates a backplate of insulating material secured by means of screws 20 to the head.

It will be seen that in both forms of the invention the operator may grasp the side and rear wall of the structure without danger of accidentally touching the contacts. It has especial utility in connection with wall-brackets, base plugs and other devices employing electrical contacts.

I claim:

1. A terminal member comprising a hollow carrying means, a head of insulating material having end trunnions pivotally secured within said carrying means and provided with transverse recesses and wire conduit, a plate detachably connected to said head over said recesses, and contact members having binding posts disposed within said transverse recesses of said head.

2. A terminal member comprising a head of insulating material provided with end wings and transverse recesses, a back plate secured to said head over said recesses and said wings, and contact members having binding posts located in said transverse recesses of said head.

Signed at New York city, in the county of New York and State of New York, this 22nd day of October, A. D. 1919.

JOHN ANDREW McKAY.