

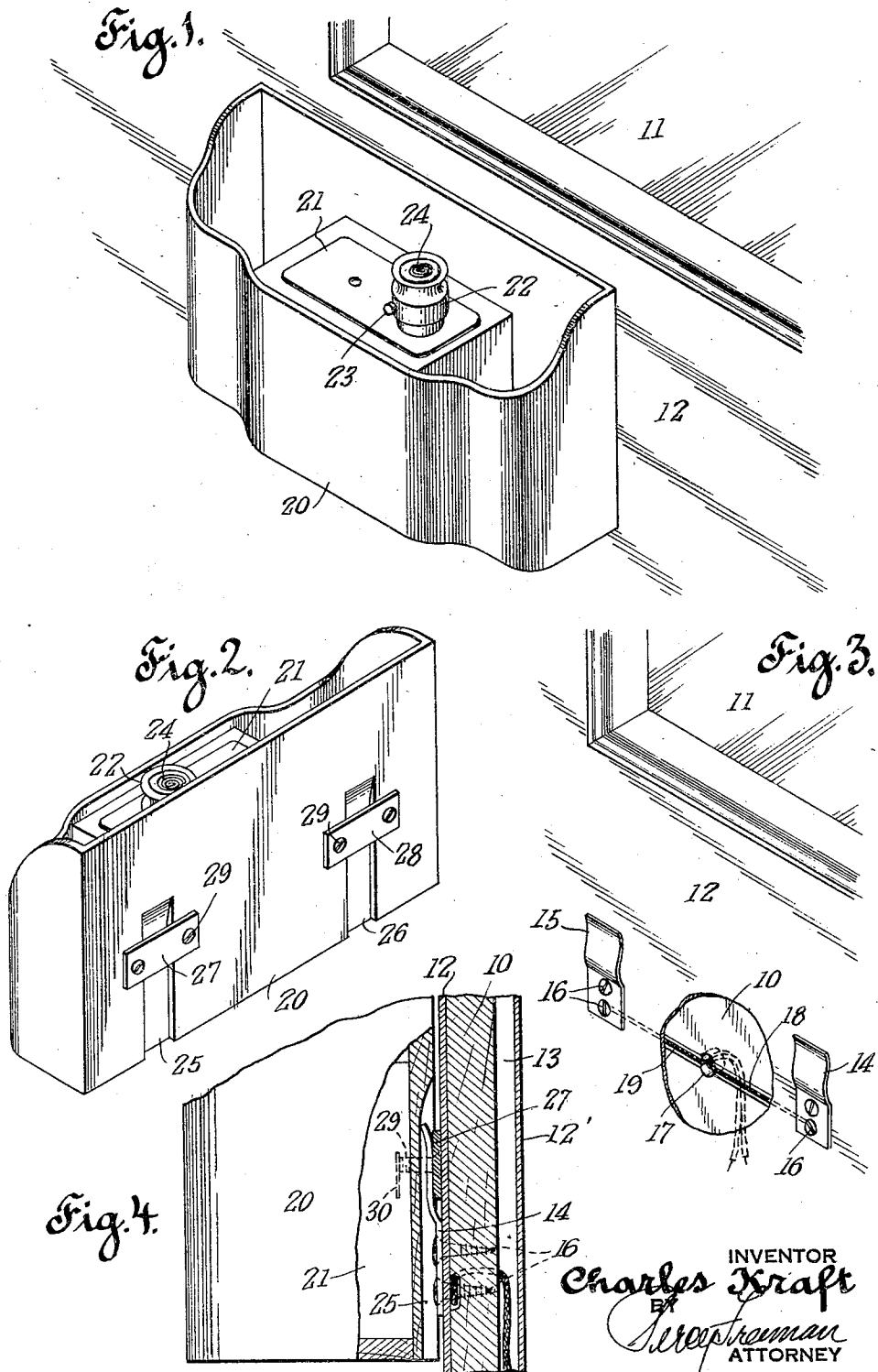
May 19, 1931.

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1,805,988

SUPPORT FOR ELECTRICALLY ACTUATED FIXTURES

Filed Sept. 20, 1928



## UNITED STATES PATENT OFFICE

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Application filed September 20, 1928. Serial No. 307,282.

This invention relates to brackets for supporting electrically actuated articles in such manner as to be readily disengaged, both from the support and electric current coincidentally.

Lighters of this type are frequently installed in automobiles, as well as on the walls of dwellings, club rooms, offices and the like where people enjoy smoking, but such devices have been in the form of permanent fixtures, troublesome to install and their presence is often objectionable.

It is therefore an object of the present invention to provide a neat appearing casing, having ignition and ash retaining means, the casing being so supported as to permit instant disassociation from its brackets, or engagement with the same at will, the brackets being concealed and the casing held in close proximity to the wall.

A further feature is in the provision of a concealed electric system in which the pole terminals are directly connected to the bracket elements and conducted by them to the lighter terminals when the device is in operative engagement, and the circuit broken when the lighter is removed.

Another purpose is to produce an attractive lighter for wall attachment, simple and effective in operation and which can be produced at a moderate cost.

These several important objects are accomplished by the novel and practical design, construction and combination of parts hereinafter described and illustrated in the accompanying drawings, forming a material part of this disclosure, and in which:—

Fig. 1, is a perspective view of an embodiment of the invention as attached to a wall.

Fig. 2 is a rear perspective view of the lighter casing, showing the attaching device.

Fig. 3 is a similar but front view of the wall carrying the clip contacts engageable therewith.

Fig. 4 is an end view of the device partially broken away and the wall in section, showing the electrical connections.

Throughout the several views the numeral 10 designates in general a conventional upright wall, as for instance that of an au-

tomobile side, below the window 11, the wall being represented as upholstered in felt 12, at the front and at the rear or outer side of the wall is a metal plate 12', the wall containing a groove 13.

Fixed on the inner side of the wall, over the felt covering 12 are two spaced apart spring clips 14—15 held rigidly by pairs of screws 16, the upper free ends of the clips being but slightly outward, away from the felt.

Midway between the clips is an opening 17 in the wall through which passes a conductor being disposed in the groove 13 and its branches 18—19 brought into electrical engagement with the screws 16 thereby to transmit current to the clips 14—15, which, as will be seen, constitute terminal contacts.

The lighter casing 20 may be of any preferred shape and of any dielectric material.

A lighter body 21 of electric type is secured in the casing, which may also be provided with receptacles, not shown, to receive ashes and like debris.

Carried in the lighter body is a head 22 provided with a switch 23, the head having a heating coil 24, caused to glow by an electric current, and is mounted in a common manner on the end of spring retracted cable, not shown, disposed in the body 21.

In the rear surface of the casing 20 are two recesses 25—26 adapted to admit the contact elements 14—15 which engage bars 27—28 respectively, drawing them against the wall and firmly supporting the lighter casing.

These bars are held to the casing 20 by screws 29, one pair of which, as the inner, are in electrical engagement with the poles of the lighter terminals, as at 30, thus causing current to flow through the connections from the wall carried cable to the lighter coil 24, when the switch is on, producing an effective light by which a cigar or the like may be ignited.

Obviously the entire casing 20 may be removed or replaced at will, no tools or appliances being required, and it will be equally apparent that no loss of current can occur when the lighter body is removed and

no unsightly appearance is produced by the clips which lie close to the felt casing 12 quite inconspicuous.

It will be apparent that electrical devices for other purposes may be substituted for that described, as the invention is by no means limited to a lighter.

Moreover various modifications may well be resorted to without the exercise of inventive genius and still be within the scope and tenor of the appended claims.

Having thus described my invention what is claimed as new and sought to be secured by Letters Patent, is:—

1. A container comprising a hollow casing having a pair of spaced grooves in its rear wall, bars fixed on said wall transversely across the upper portions of the grooves, and a pair of upright spring clips fixed on a support, said clips being receivable in the mentioned grooves and engageable with said bars.

2. A container comprising a hollow casing having a pair of spaced upright grooves in its rear wall, a transverse bar fixed on the rear wall across each groove, an electric device carried in said casing and having its poles in operative engagement with the respective bars, spring clips fixed on a support surface, said clips being engageable with said bars and enterable in the recesses, and electrical conductors from a source of energy to each of said clips, said clips acting as conductors for said bars.

3. The combination with an upright support wall having a pair of spring clips, and an electric current having its opposite poles connected to said clips, of an electric lighter, a casing for said lighter, a pair of transverse bars fixed on the rear wall of said casing, each bar being connected to the opposite poles of said lighter, a pair of spaced grooves in said rear wall extending from the bottom thereof to a point slightly above each transverse bar, each groove passing beneath its respective bar, and means for engaging said bars with said clips whereby to support the casing and conduct current to said lighter.

Signed at New York, in the county and State of New York, this 14th day of September, 1928.

CHARLES KRAFT.

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