

UNITED STATES PATENT OFFICE.

MORRIS T. BLIER, OF BROOKLYN, NEW YORK.

CIGAR LIGHTER.

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My invention relates to cigar lighters and has a particular reference to electrically heated devices for lighting cigars adapted to be attached to any suitable stationary object.

The object of my invention is to provide a cigar lighter in combination with an ash tray which could be clamped to a floor lamp or any similar stationary object. In this manner my cigar lighter can be placed within easy reach for a person sitting, for instance, in a chair. In order to make my cigar lighter still more convenient for use I provide same with an extension cord on a spring reel, so that the heating element could be pulled out for use, the spring reel winding the cord again when the lighter is released.

My invention is more fully described in the accompanying specification and drawing in which—

Fig. 1 is an elevation of my cigar lighter partly in section, and

Fig. 2 is a plan view of same.

My cigar lighter consists of an electrically heated cigar lighting unit 1 to which the electric current is supplied by means of an insulated double twisted cord 2. The lighting unit is provided with a switch 3 of any suitable construction. It is not shown in section as it may be of any standard design and construction, except that it is provided with a circular skirt 4 with which it rests on the edge of a tubular projection 5 formed in the bottom of an ash tray 6. This tubular projection forms a channel for the cord 2 and its lower portion is flared out in order to allow more freedom of movement for the cord. This tubular projection is raised sufficiently high to prevent the ashes from the tray from falling into the opening. It is placed nearer to one side of the tray so as to leave more room for the cigarette stubs etc. At the other side the tray 6 has an opening 7 in the bottom for cleaning out the ashes. This opening is closed with a cover 8 on a hinge 9. It is clamped to the bottom of the tray by means of a spring 10 with a hook 11 engaging the lug 12 on the cover.

The cord 2 is wound on a reel 13 on a shaft 14. The ends of this shaft are journaled in the walls of a reel housing 15 attached to the bottom side of the tray 6. A flat spiral spring 16 is attached with one end

to the shaft 14 and with the other to the housing 15. This spring keeps the cord wound on the reel under tension and winds it again after the unit 1 has been pulled out and used. Two concentric contact rings 17 are placed on the other side of the reel (the inner ring is not shown) and the ends of the cord 2 are connected to these rings. The electric current is delivered to the contact rings by means of metal brushes 18 and 19 placed in insulating bushings 20 and supported in the apertures in the wall of the housing 15. A cord 21 is attached to contact brushes and is extended to the source of electric current, for instance, by being connected to an electric lamp socket or to a plug receptacle.

A bracket 22 is attached partly to the bottom of the tray, partly to the reel housing 15. The outer end of this bracket is formed to suit a stationary object, such as a floor lamp stand 23. A second bracket 24 is pivotally connected with the first bracket by means of a hinge or pivot 25 and is also formed to engage the lamp stand 23. A screw 26 is inserted in the holes in both brackets and is tightened by means of a wing nut 27 thereby clamping the brackets on the stand 23.

With this arrangement my device can be temporarily clamped to any suitable object within an easy reach of a smoker. The lighting unit can be pulled out to light the cigar or cigarette in the smoker's mouth, after which the lighting unit will be pulled back in its place by the reel spring. The ash tray itself can be also conveniently used in connection with the lighter.

I claim as my invention:

1. In a cigar lighter, the combination with an electrically heated cigar lighting member, a flexible cable extending from said member, a reel for said cable, a housing for said reel, an ash tray forming a cover for said reel, and a clamp extending sidewise from said housing and adapted to encircle a vertically extending stationary object.

2. In a cigar lighter, the combination with an electrically heated cigar lighting member, a flexible cable extending from said member, a reel for said cable, a housing for said reel, an ash tray forming a cover for said housing, said ash tray being provided with an aperture for said cable, the edges of said tray around said aperture being raised forming a tubular projection, said member being

provided with central recess adapted to fit over said projection when said cable is wound on said reel.

3. In a cigar lighter, the combination with
5 an electrically heated cigar lighting member, of a flexible cable extending from said member, a reel for said cable, means to conduct the electric current to said member through said cable, a housing for said reel, the top

cover of said housing being formed as an ash tray, a clamp extending sidewise from said housing and adapted to be clamped around a stationary object, and a switch on said cigar lighting member. 10

Signed at New York, in the county of New York and State of New York June 15
A. D. 1927.

MORRIS T. BLIER.