

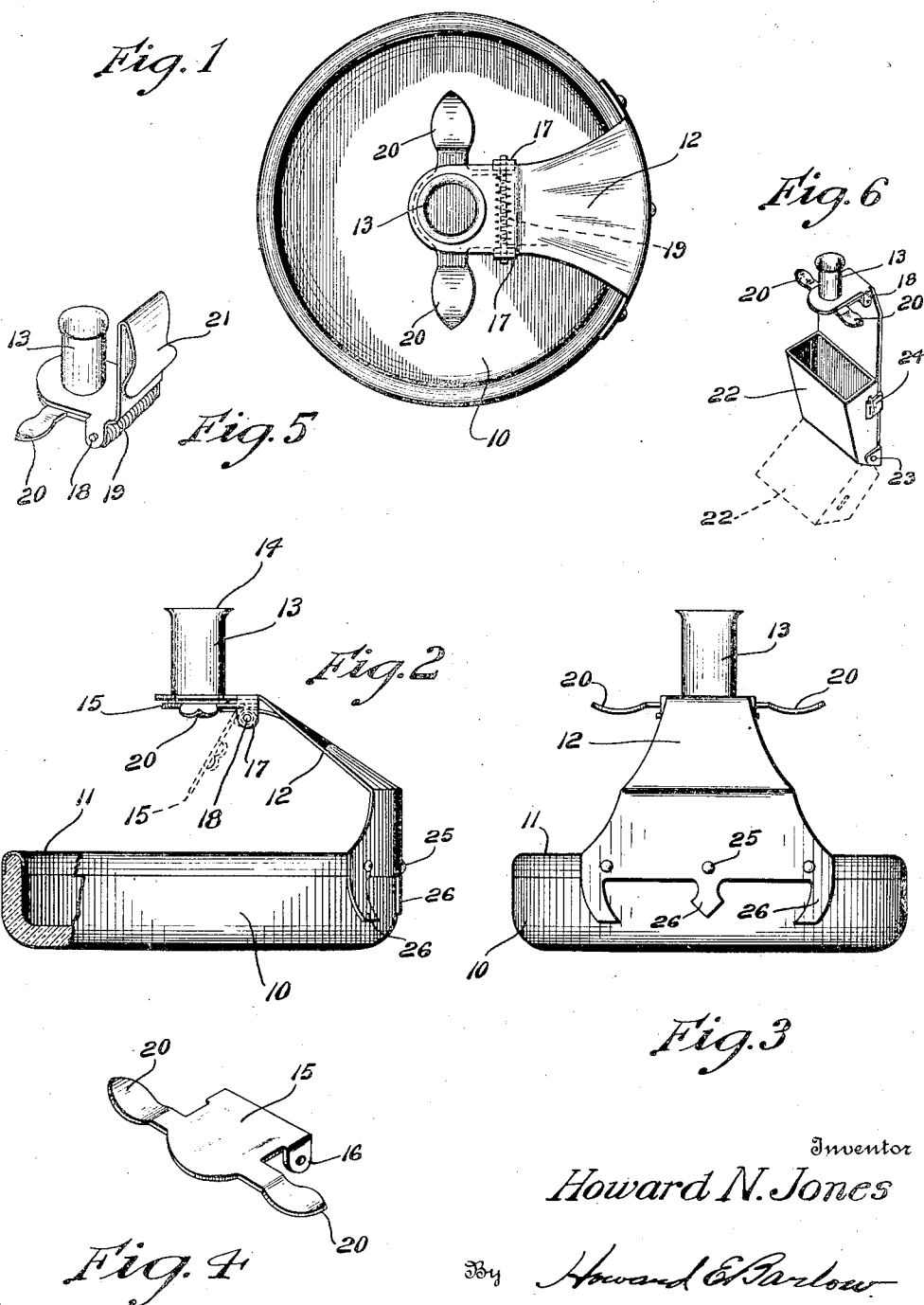
March 31, 1925.

1,531,700

H. N. JONES

CIGARETTE EXTINGUISHING DEVICE

Filed April 15, 1922



Inventor

Howard N. Jones

By

Howard E. Barlow

Attorney

Patented Mar. 31, 1925.

1,531,700

UNITED STATES PATENT OFFICE.

HOWARD N. JONES, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO UNIVERSAL SAFETY ASH TRAY CO. INC., OF PROVIDENCE, RHODE ISLAND, A CORPORATION OF RHODE ISLAND.

CIGARETTE-EXTINGUISHING DEVICE.

Application filed April 15, 1922. Serial No. 552,945.

To all whom it may concern:

Be it known that I, HOWARD N. JONES, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Cigarette-Extinguishing Devices, of which the following is a specification.

This invention relates to a cigarette snuffer or extinguishing device adapted more particularly to be used in combination with a smoker's ash tray, and the object of this invention is to provide a simple and effective device of this character comprising a member having a hole of a diameter to approximately fit a cigarette to receive and smother its lighted end, the hole being provided with a bottom closure and means being provided whereby a relative movement between said member and closure may be effected for the purpose of discharging the contents in the tube into the receiver.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1 is a top view showing a smoker's ash tray to which my improved extinguishing or snuffing device is attached.

Figure 2 is a side elevation of an ash tray and showing the bottom member of the snuffer in dotted lines, as dropped into position to permit the discharge of the contents in the tray.

Figure 3 is a rear view of the ash tray.

Figure 4 is a perspective view of the bottom member of the extinguishing or snuffing tube.

Figure 5 is a perspective view showing the snuffing device arranged to be readily applied to the support of an ash tray or other support.

Figure 6 is a perspective view showing the snuffing device as positioned above the ash receptacle.

It is found in practice to be of advantage to mount my improved snuffer or extinguishing device over an ash-tray or receiver and to provide means in the snuffer whereby a cigarette deposited in the snuffer may be readily discharged therefrom into the ash-receiver without touching the cigarette, to

clear the snuffer preparatory to receiving another cigarette, and the following is a detailed description of one means by which this result may be accomplished:—

With reference to the drawings, 10 designates an ash-tray which may be formed of any suitable material, the one here shown being preferably formed of glass in cup-shape, and about the edge of this glass cup is set a rim or metal portion 11 to which rim is secured a standard or support 12 on which is mounted the snuffer or extinguishing tube 13.

This tube 13 is preferably flaring at its upper edge 14 and is reduced at its lower end with the reduced portion passing through a hole in the standard 12 and riveted over on the under side thereof.

In order to provide a closure for the bottom of this tube, I have provided a plate 15 with downwardly-turned ears 16 which set in between the ears 17 formed on the standard, and a pivot pin 18 is passed through both sets of ears and through a coiled spring 19 whereby a tension is applied to the closure plate 15 causing it to be pressed upwardly against the under side of the tube to close its bottom portion.

In order to provide simple means for removing this plate, I have formed a pair of laterally-extending arms 20 on the plate which may be readily engaged by the thumb and finger to press the plate downwardly into dotted position illustrated in Figure 2, which permits the extinguished cigarette to fall through the tube into the receptacle below and upon being released the closure plate at once returns to close the bottom of the tube to perform the function of extinguishing the lighted end of the next cigarette which may be deposited therein.

In order to permit the snuffing device to be readily removed from the tray, I have riveted as at 25 the standard member 12 to the ring 11 whereby the ring may be readily lifted from the edge of the tray to permit the tray to be freely cleaned. Spring fingers have also been provided for gripping the outer face of the receptacle to bind the whole tightly in position thereon.

Then again in some instances it is found of advantage to construct the extinguishing or snuffing member independently of the tray and standard and provide the same

with a clip or clamp 21, or other fastening means such as illustrated in Figure 5 whereby the owner of an ash-tray particularly that type provided with a match box supporting standard, may purchase the snuffer and attach it to his tray without being obliged to purchase another complete ash-tray in order to secure the advantages of a snuffing device.

10 In still other cases the snuffing device may be mounted above the tray or receptacle such as illustrated in Figure 6 at 22, the tray in this particular case being in the form of a receptacle which is pivoted at 23
15 at its lower edge and is retained in its up or operative position by spring clips 24 which particular type of ash receptacle is adapted more especially for use as a smoker's set in automobiles so that when desired
20 the receptacle 22 may be tipped down into the dotted position to discharge its contents into a waste receptacle to be removed.

My improved extinguishing device is extremely simple and practical in construction and effective in its operation and by
25 its use the contents of the extinguishing member may be readily discharged from the snuffing tube into the receptacle below to clear the snuffer for the reception of the
30 next cigarette.

The foregoing description is directed solely towards the construction illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the

mechanical changes to which the device is susceptible, the invention being defined and limited only by the terms of the appended claims.

I claim:

1. The combination with an ash-receiver, 40 of a cigarette extinguishing device comprising a member adapted to be supported above said receiver, and having a socket member of a diameter to approximately fit a cigarette, a movably mounted bottom 45 closure for said socket adapted to be withdrawn downwardly to open the bottom of said socket and discharge the contents thereof.

2. A cigarette-extinguishing device comprising a tubular member of a diameter to approximately fit a cigarette to receive and smother its lighted end, and a pivotally mounted bottom closure for said tube adapted to be swung from its end to discharge the contents thereof. 55

3. A cigarette-extinguishing device comprising a tubular member of a diameter to approximately fit a cigarette to receive and smother its lighted end, a pivotally mounted bottom closure for said tube adapted to be swung from its end to discharge the contents thereof, and a spring for returning said closure to normal. 60

In testimony whereof I affix my signature. 65

HOWARD N. JONES