Oct. 13, 1931. C. ELLIS 1,827,078

ASH RECEIVER

Filed Aug. 21, 1929

Fig. 1

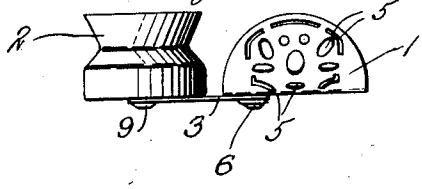


Fig. 2

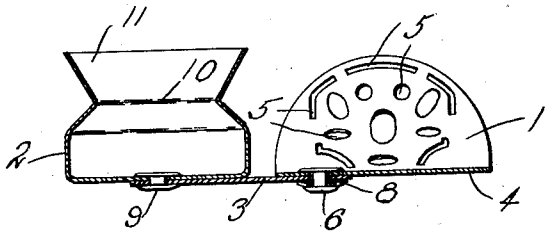


Fig. 3

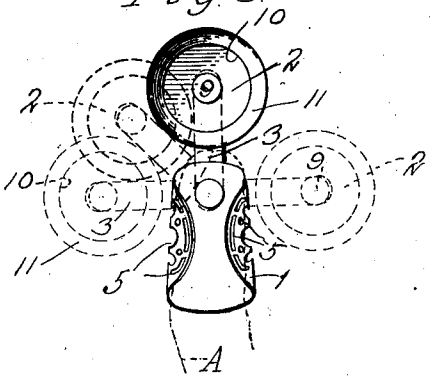
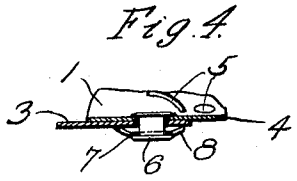


Fig. 4



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UNITED STATES PATENT OFFICE

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ASH RECEIVER

Application filed August 21, 1929. Serial No. 387,357.

This invention relates to ash receivers, particularly receivers which are intended for individual use, and is in the nature of an improvement upon the invention disclosed and claimed in my prior patent No. 1,701,496 issued Feb. 12, 1929.

An object of the invention is to provide an improved individual ash receiver which may be carried by a finger of one's hand, which may be adjusted, while so carried into positions most convenient for receiving ashes, which may be adjusted for convenient use whether carried on the left or right hand, which will remain in adjusted positions as the hand is moved about, and which will be relatively simple, attractive in appearance, inconspicuous, convenient and inexpensive.

A further object of this invention is to provide an improved ash receiver to be carried by one's hand, which will readily receive the ashes from a cigarette without spilling of the ashes, which may be moved about into various angular positions without accidental spilling of the received ashes, and which may be easily cleaned and emptied.

Various other objects and advantages will be apparent from the following description of an embodiment of the invention, and the novel features will be particularly pointed out hereinafter in connection with the appended claims.

In the accompanying drawing:

Figure 1 is a side elevation of an individual receiver constructed in accordance with this invention;

Figure 2 is a longitudinal sectional elevation of the same;

Figure 3 is a plan of the same, illustrating the manner in which the receptacle is adjusted; and

Figure 4 is an enlarged, sectional elevation of details of the connection between the receptacle and the supporting member therefor.

In the illustrated embodiment of the invention, the improved receiver includes a member 1 formed for attachment to a finger of one's hand, and a receptacle 2 connected to the member 1 in any suitable manner, such as by a bar or arm 3. The member 1 is preferably a socket or thimble-like member which receives the tip end of one's finger like a thimble. The socket or passage of the member 1 is preferably tapered, so as to receive and fit the tip ends of fingers of different size, and be comfortable to the wearer on fingers of all sizes.

The socket of member 1 is also preferably open at both ends so that it will pass along the tip end of the finger to different extents depending upon the size of the finger on which it is supported. Such a member may thus be fitted to the tip end of any finger of one's hand or changed from one finger to another as may be desired.

The socket member 1 may be formed from a blank or disc 4 of suitable sheet material, such as sheet metal, with two opposite side edges of the blank rolled upwardly and toward one another to form the socket or passage which receives the tip end of the finger. The blank or disc may have apertures 5 of any size or shape therein to ornament the member 1, and such openings have the additional advantage that when the socket member is fitted over a finger, the skin of that finger which is received in the socket, will protrude slightly into the openings and resist endwise movement of the finger along the socket.

The arm 3, which may be a bar or strip of sheet metal, is pivoted to the member 1 in any suitable manner, such as by a pin or rivet 6, which passes through aligned apertures in the arm 3 and the blank or disc 4. While the friction between the arm 3 and the head of rivet 6 or the blank 4 may be sufficient when the article is new to hold the arm 3 in different angular positions into which the arm may be adjusted, a spring washer 7 preferably is provided on the rivet 4. The washer 7 may be a dished washer, and may have radial or other slots 8 to increase its resiliency to any desired extent. The washer 7 will provide sufficient frictional resistance to angular movement of the arm 3 upon the pivot pin or rivet 6, without requiring the use of excessive force in order to move the arm.

The receptacle 2 may be secured to the

free end of the arm 3 in any suitable manner, such as by a rivet 9 which passes through the bottom of the receptacle and the free end of the arm 3. The receptacle 2 may comprise a cup-like portion, with the upper portion of its lateral wall first converging upwardly and inwardly into a restricted neck portion 10, and then if desired diverging or flaring outwardly and upwardly to provide a large open face or bell for the receptacle, in which ashes may be deposited.

The restricted neck portion 10 prevents accidental discharge of the ashes collected in the receptacle as the latter is moved about while worn upon one's hand, yet when the receptacle is inverted for cleaning the ashes pass out freely. A receptacle of this shape may be first drawn from sheet metal into a cup form and then spun into the desired shape.

In use, the member 1 is fitted over the tip end of a finger A of one's hand indicated by dash lines in Figure 3. The receptacle with its arm may be adjusted into a straight out position shown in full lines on the drawings, or shifted laterally of the finger into various positions at either side of the finger, as shown by the dash lines in Figure 3. It will thus be observed that the receptacle may be adjusted into any desired position around the tip of the finger on which it is supported, regardless of whether that finger is a part of the left or right hand, and, therefore, one may freely adjust the receptacle into positions where it is most convenient to the wearer or user.

It will be understood that various changes in the details which have been herein described and illustrated in order to explain the nature of this invention, may be made by those skilled in the art within the principle and scope of the invention, as expressed in the appended claims.

Claims:

1. An individual ash receiver comprising a member formed for attachment to a finger of one's hand, and an ash receiving receptacle supported by said member in upright position and adjustable relatively to said member and laterally of said finger into different positions relatively to said finger, while remaining in its upright position, whereby said receptacle may be adjusted into positions most convenient for the reception of ashes from a cigarette carried by fingers of the same hand.

2. An individual ash receiver comprising a member formed for attachment to a finger of one's hand, and an ash receiving receptacle connected to said member and extending therefrom in the direction in which the finger points; so as to constitute a mechanical approximately straight out extension of that finger, the connection of said receptacle to said member being adjustable to permit movement of said receptacle to one side of the finger.

3. An individual ash receiver comprising a member formed for attachment to a finger of one's hand, and an ash receiving receptacle having an arm extending laterally therefrom, and pivotally connected at its free end to said member, whereby when said member is mounted on a finger, said receptacle may be swung into different positions relatively to the finger on which said member is mounted where it is most convenient to the wearer for reception of ashes from a cigarette carried by fingers of the same hand.

4. An individual ash receiver comprising a tapered socket member to receive and fit over the tip of a finger of one's hand, and an ash receptacle disposed outwardly beyond the end of said socket and pivotally connected to said socket member, whereby the receptacle may be positioned at the outer end of said finger and constitute a straight out extension of that finger, and adjusted laterally to either side of the straight-out position, so as to be placed where most convenient for the reception of ashes from a cigarette carried by fingers of the same hand.

5. An individual ash receiver comprising a member formed for attachment to a finger of one's hand, an ash receiving receptacle supported by said member and adjustable relatively to said member from a position beyond the end of the finger, and a frictional device interposed between said receptacle and member for frictionally holding the receptacle in different adjusted positions upon said member.

6. An individual ash receiver comprising a member formed for attachment to a finger of one's hand, an ash receiving receptacle, a pivot connecting said receptacle to said member so as to permit movement of said receptacle from a position adjacent the end of said finger to other positions at either side thereof, and a frictional spring washer on said pivot and coacting with said receptacle and member to hold said receptacle frictionally in any of its adjusted positions relatively to said member.

7. An individual ash receiver comprising a member formed for attachment to a finger of one's hand, an ash receiving receptacle, and means pivotally connecting said receptacle to said member and including resilient, frictional means at the connection to said member for holding said receptacle frictionally against movement relatively to said member while permitting movement of said receptacle from a position adjacent the end of said finger in either direction laterally therefrom.

CLAUDE ELLIS.