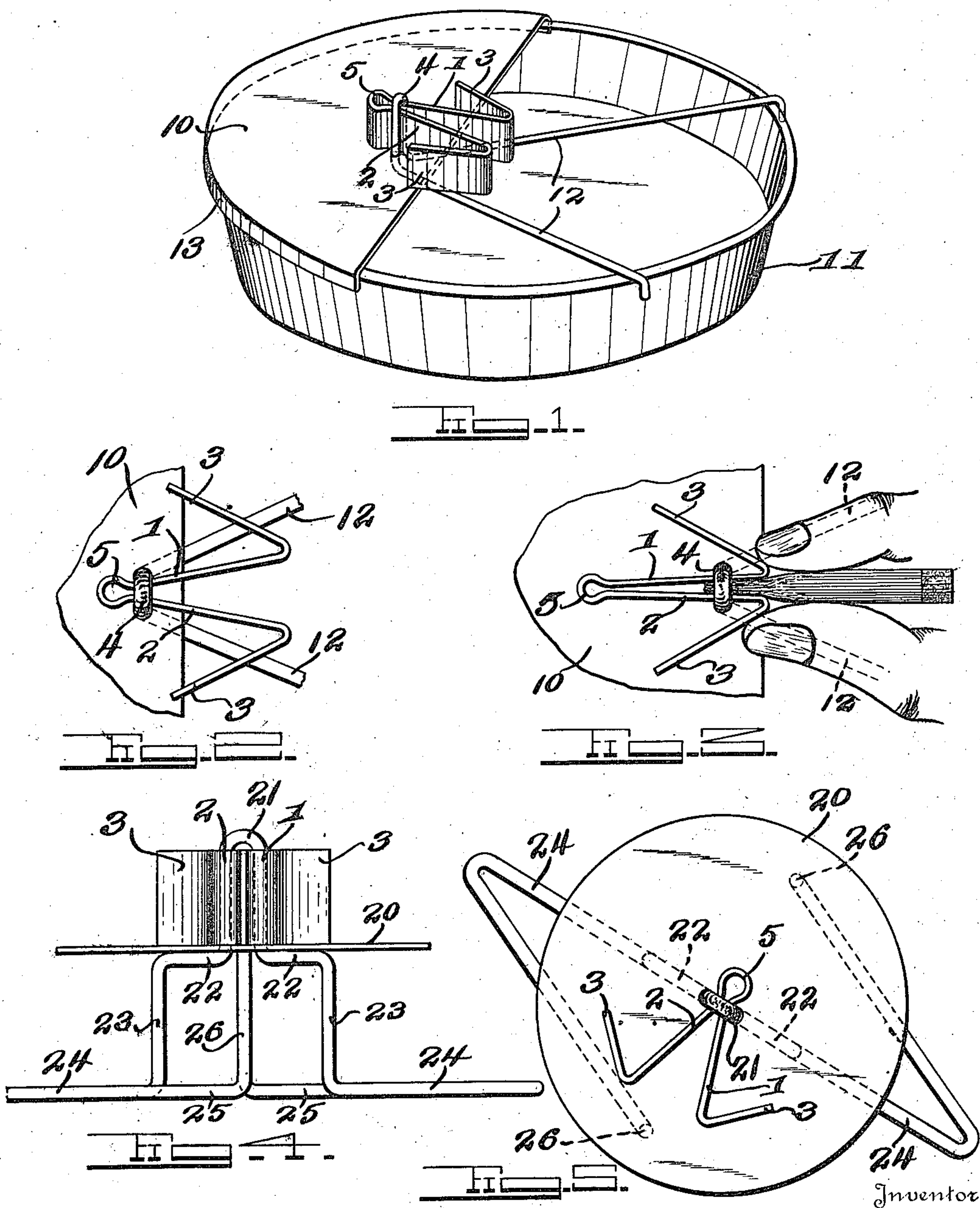


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TOBACCO USER'S APPLIANCE.
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1,167,022.

Patented Jan. 4, 1916.



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TOBACCO-USER'S APPLIANCE.

1,167,022.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, IRVIN RITTENHOUSE, a citizen of the United States, residing in the city of Washington, District of Columbia, have invented new and useful Improvements in Tobacco-Users' Appliances, of which the following is a specification.

This invention relates to improvements in tobacco users' appliances and more particularly to an improved cigarette extinguisher and holder.

It is the object of this invention to provide a device that will extinguish and hold a cigarette which may be placed upon a plate, flat ash tray, or attached to a dish, ash tray or smokers' stand.

The advantage of this device is that the obnoxious fumes arising from a cigarette which has been laid aside will be obviated as the cigarette will be immediately extinguished by this device and a further advantage is that when a cigarette is placed in this device when only partially smoked it will not only be prevented from burning further but will be so held that it may be removed and relighted.

While the preferred forms of this device are illustrated upon the accompanying sheet of drawing yet it is to be understood that minor detail changes may be made without departing from the scope thereof.

Figure 1 is a view in perspective of this device as applied to a dish ash tray. Fig. 2 is an enlarged detail top plan view of this device in normal or operative position, with parts broken away. Fig. 3 is a similar view, illustrating the operation of inserting a cigarette and showing the cigarette as it will be extinguished and held. Fig. 4 is a view in side elevation of a modification adapted to be placed upon a plate or flat ash tray. Fig. 5 is a top plan view of Fig. 4.

In accordance with this invention the cigarette is extinguished and held by pinching the burning end between two diverging movable pinching plates which are brought toward each other on opposite sides of the cigarette to pinch and retain the cigarette therebetween.

In carrying out this invention the pinching plates 1 and 2 are preferably formed from a strip of resilient metal so bent centrally upon itself as to cause the free ends of the plates to normally diverge, and the free ends are preferably bent away from

each other to form wings 3. The plates are mounted to travel between a stationary support 4, preferably formed from bent wire, engaging the side of each plate. After the central bend 5 of the plates has been inserted in the support it is preferably enlarged to limit the forward movement thereof.

When it is desired to extinguish a cigarette or lay it down temporarily it is grasped between the thumb and a finger and the burning end is introduced between the free ends of the plates in their extended position and upon a continued movement in the direction of the support the tips of the thumb and finger engage the wings 3 and force the plates rearwardly through the support 4 which will cause them to approach each other and pinch the end of the cigarette between them and extinguish it at once. Upon releasing the cigarette it will be held in that position until the plates 1 and 2 are moved forward when the cigarette will either be dropped or can be relighted, as desired.

As it is desirable to mount the pinching plates over an ash tray this invention also contemplates such a means as illustrated in Fig. 1 in which the pincher support 4 is mounted upon a base plate 10 resting upon the top of an ash tray 11 and secured thereto in any desired manner. It is preferable to mount the support at a sufficient distance from the edge of the base plate to allow the free ends of the wings 3 to rest thereon in the extended position of the pinching plates 1 and 2, as illustrated in Fig. 2, so that the plates will always move vertically and travel in a horizontal line. The base plate 10 is preferably secured by extending the ends of the bent wire support 4 through the plate and then continuing them horizontally to form two diverging arms 12 bent at their ends to engage the sides of the ash tray and coact with a projection 13 depending from the opposite edge of the base plate to secure the base firmly upon the ash tray, the arms 12 also presenting a handy means for knocking off the ashes of a cigarette.

When it is desired to support the cigarette pincher upon a plate or flat ash tray the form illustrated in Figs. 4 and 5 is preferable. In this form the base plate 20 may be of smaller size and is preferably circular in form and mounted to rotate about the

support 21 which is formed of wire and each free end after passing through the base plate 20 is bent first parallel therewith, to form a horizontal base holding portion 22, then at right angles, to form a vertical leg 23, then horizontally for a portion of its length 24 beyond the base plates 20 and back upon itself to form an angular portion 25 which is terminated in a vertical leg 26 which engages the bottom of the base plate. In this construction the pincher plate support also acts as a base plate frame to support the device upon a plate or flat ash tray.

What I claim is:—

1. A cigarette extinguisher comprising a fixed support having a passage there-through, two normally diverging plates mounted for movement through said passage and stops upon the diverging ends of the plates adapted to be engaged by the fingers holding the end of a cigarette between the plates to move the plates through the support whereby the sides of the passage draw the plates together to extinguish the cigarette.

2. A cigarette extinguisher comprising a fixed support having a passage there-through, and two normally diverging plates mounted for movement through said pas-

sage, said plates having a stop at their apex and stops upon the diverging ends to engage the support and maintain the plates within the passage.

3. A cigarette extinguisher comprising a fixed support having a passage there-through, and a reciprocal extinguishing member mounted in said passage formed from a strip of resilient metal bent centrally upon itself forming two normally diverging plates, the free ends of the plates bent outward to form stops to be engaged by the fingers holding the end of a cigarette between the plates to move the plate through the support.

4. A cigarette extinguisher comprising a fixed support having a passage there-through and a reciprocable extinguishing member mounted in said passage formed from a strip of resilient metal bent centrally upon itself forming two normally diverging plates having an enlargement at the bend of the plates and the free ends of said plates bent outward to form stops to engage the support and maintain the plates within the passage.

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