

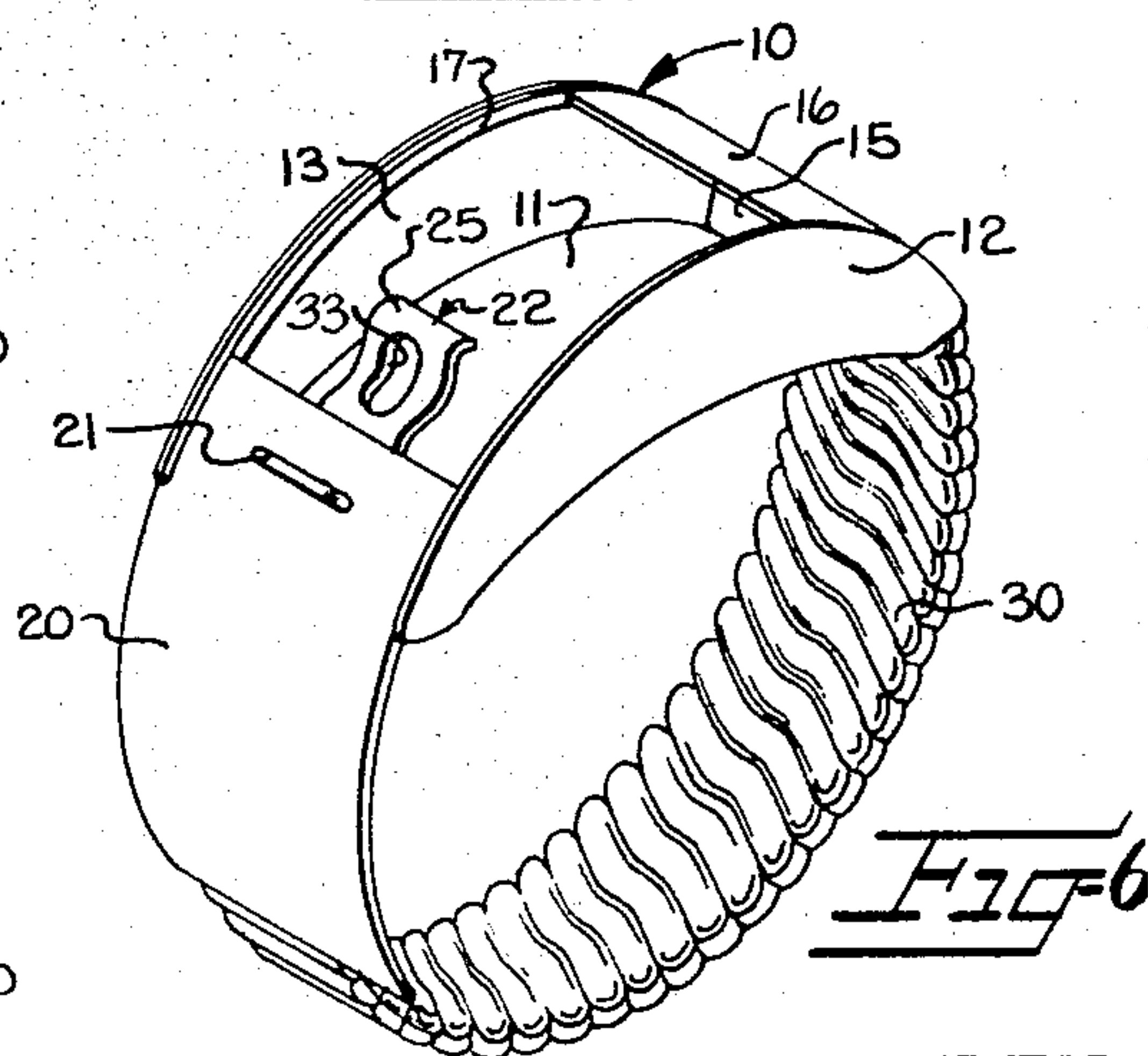
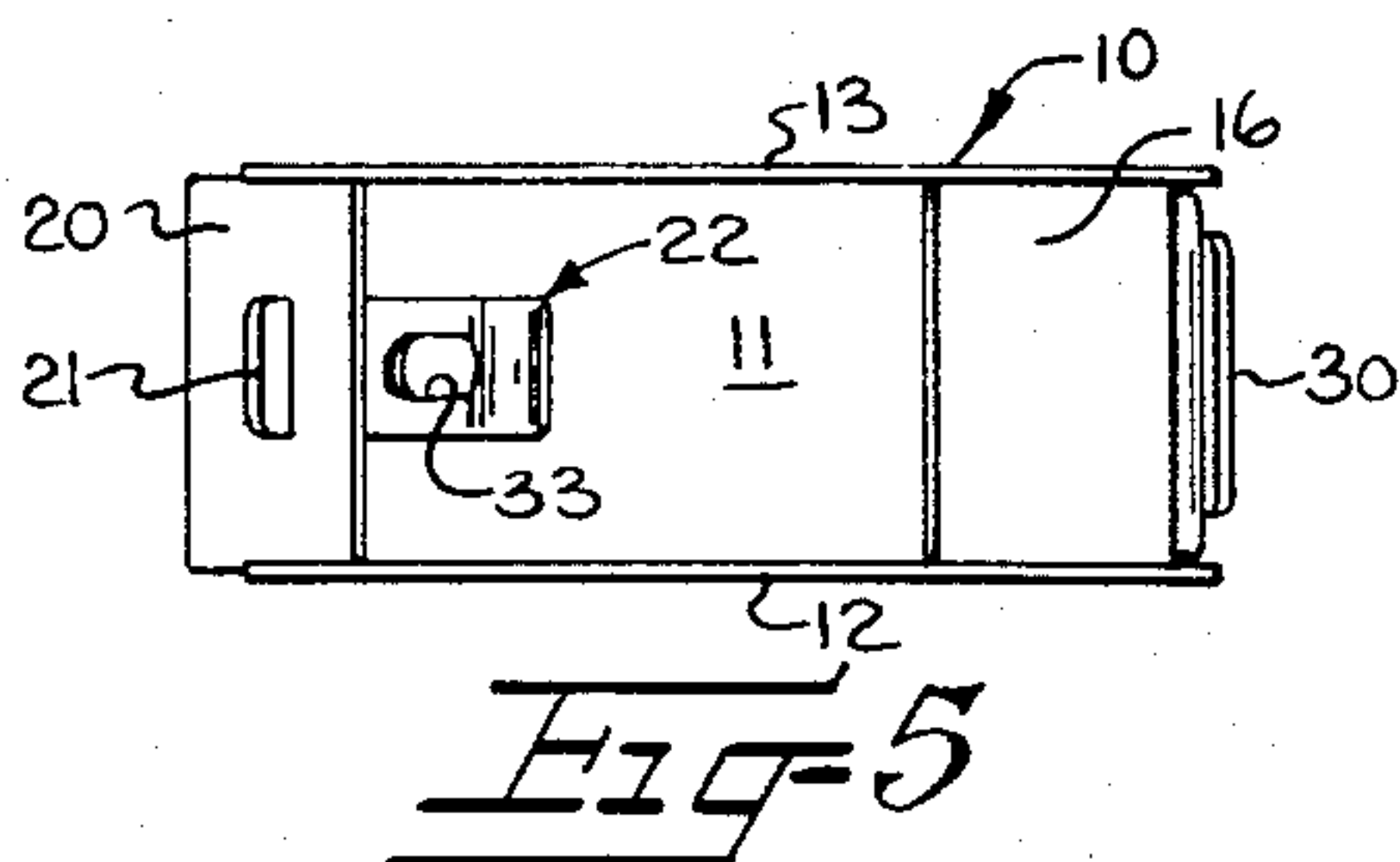
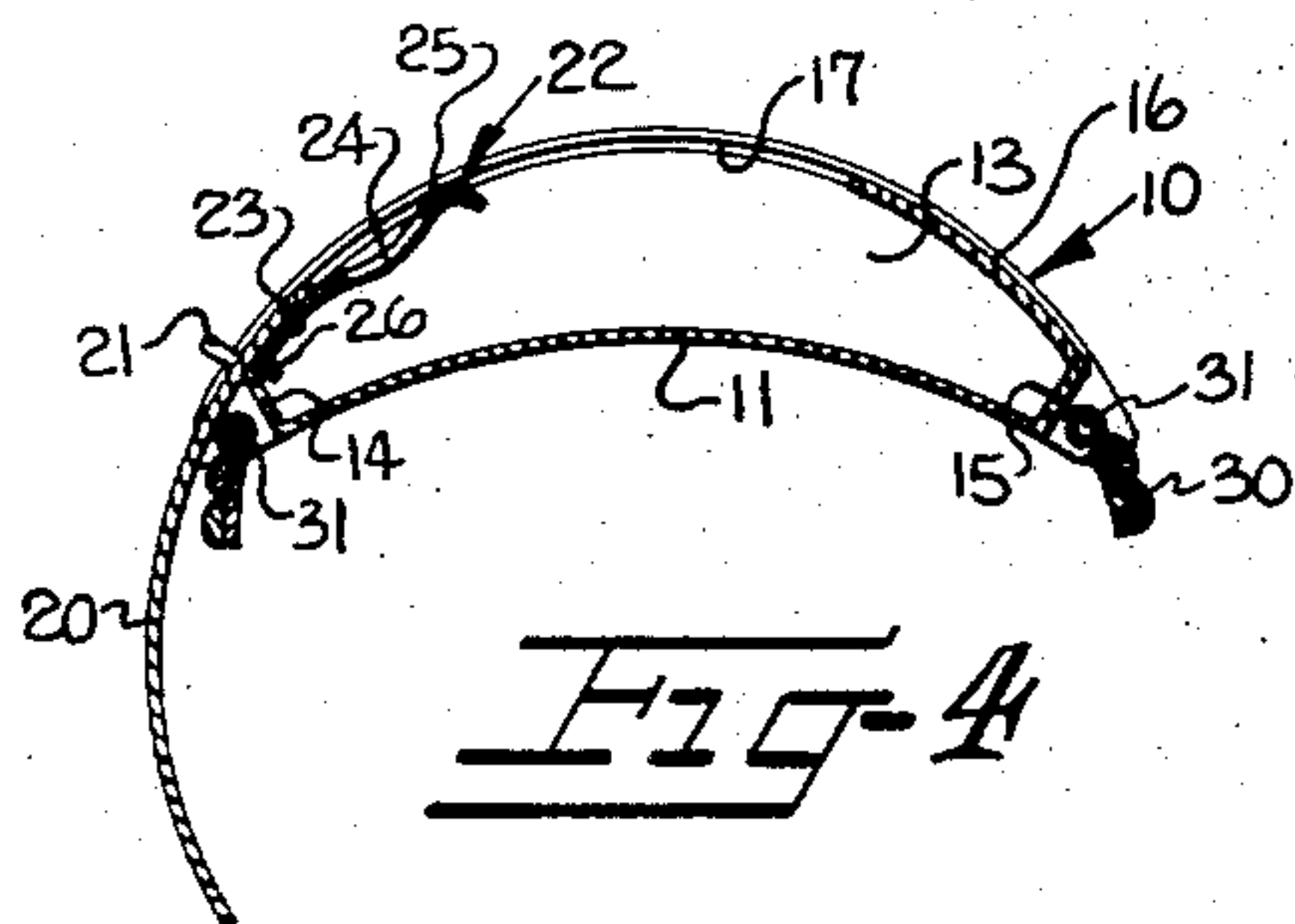
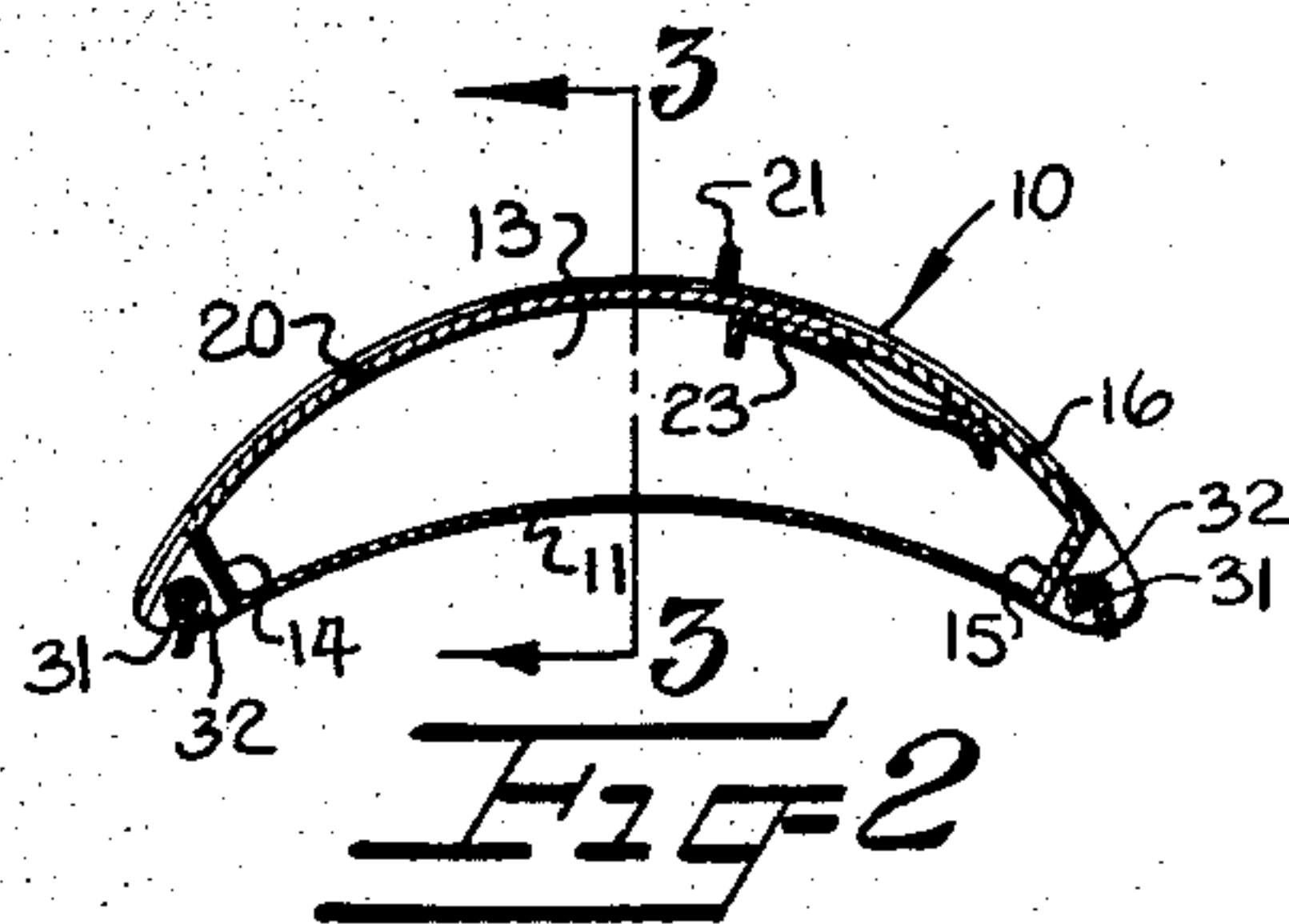
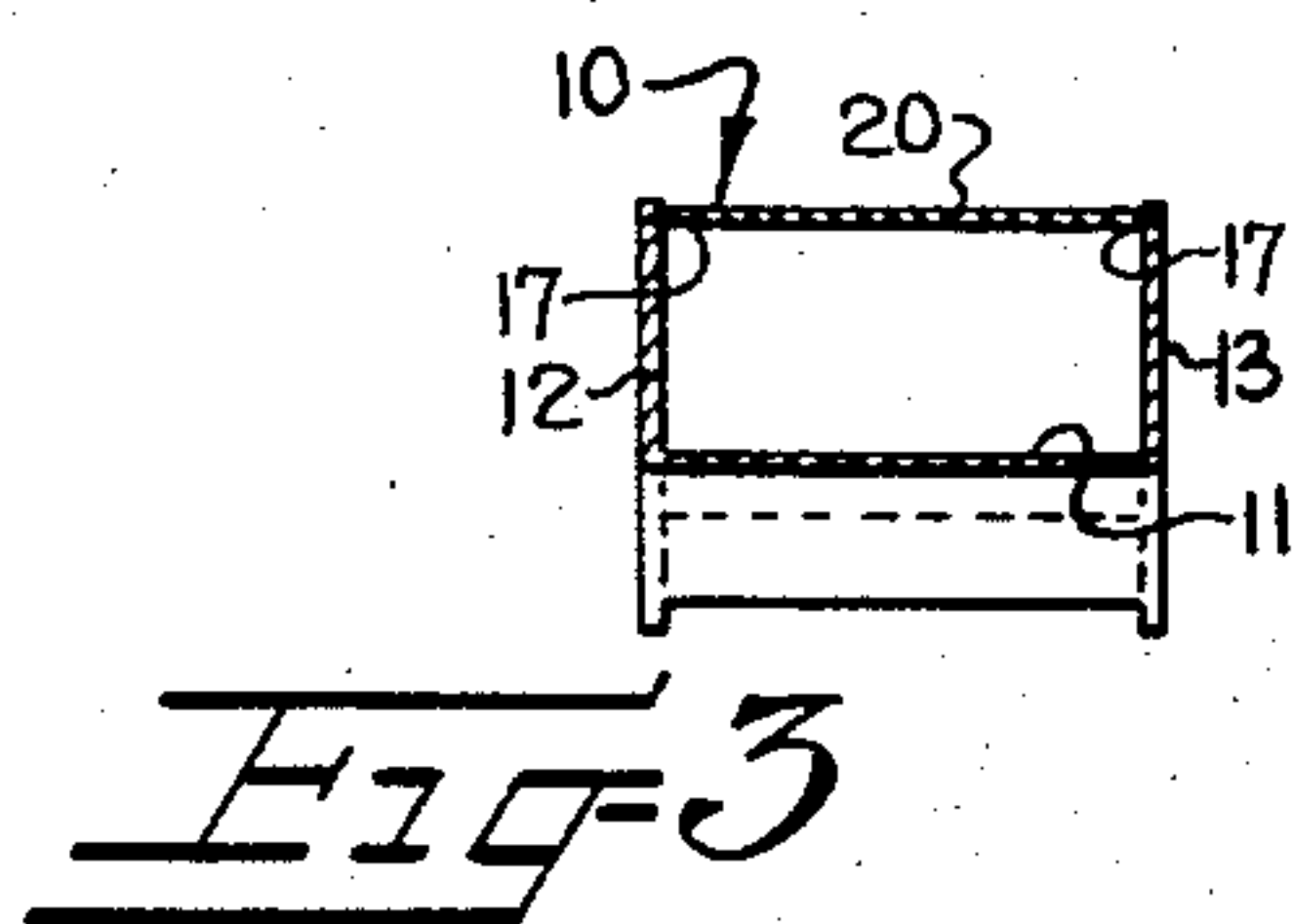
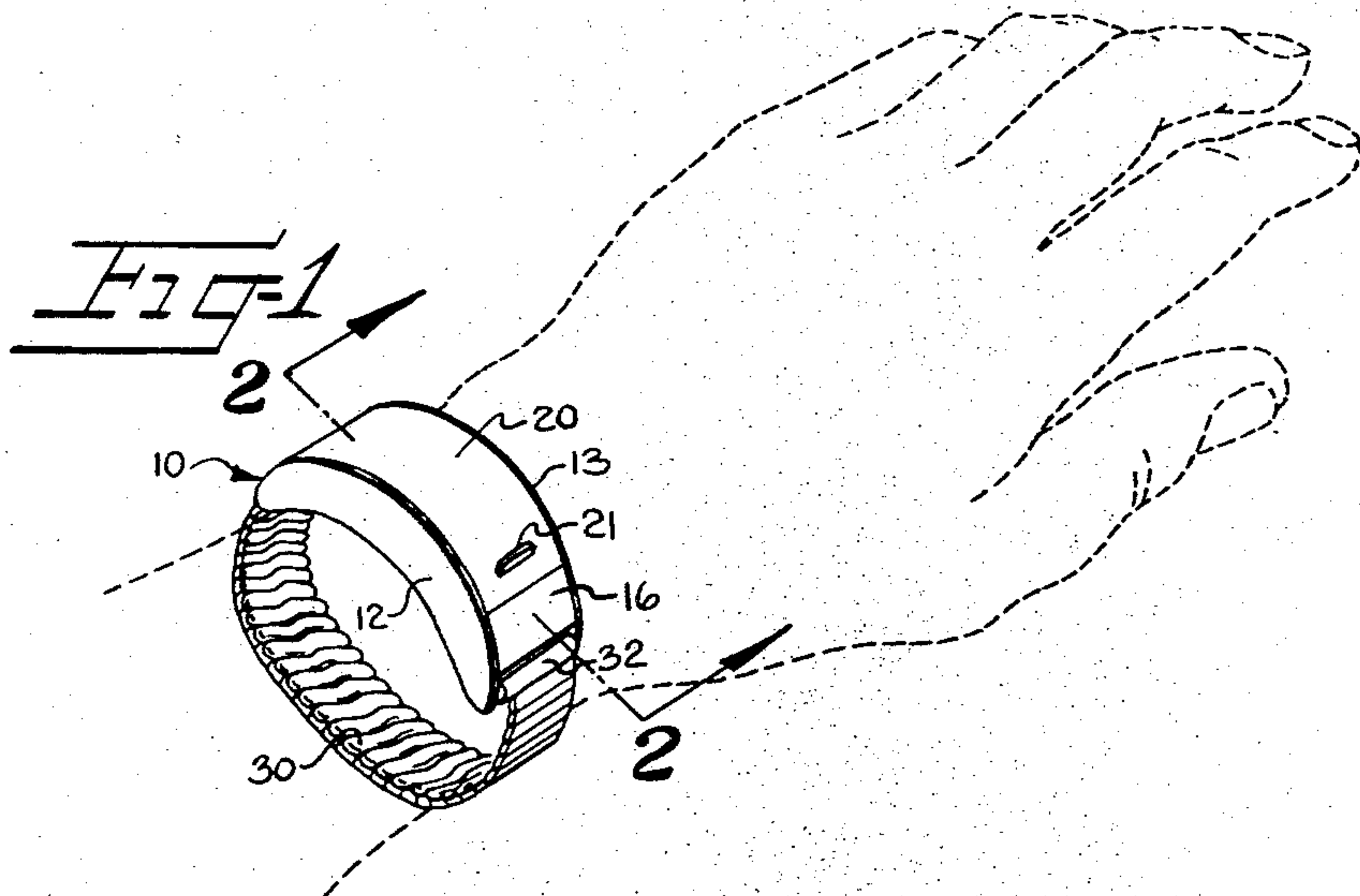
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R. SIMRIL

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WRIST ASH TRAY

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INVENTOR:

REECE SIMRIL

BY *Eaton, Bell, Hunt & Seltzer*

ATTORNEYS



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2,953,137

## WRIST ASH TRAY

Reece Simril, 415 Belknap Place, San Antonio, Tex.

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1 Claim. (Cl. 131—235)

This invention relates to an improved wrist receptacle to be worn on the wrist of a person, thereby providing a convenient depository. More particularly, the wrist receptacle may take the form of an ash tray to permit a smoker to have ready access to a safe place in which ashes from a cigarette, cigar, or pipe may be deposited.

A smoker is often faced with the problem of the disposal of ashes from the cigarette, cigar, or pipe which he is smoking in locations where no facilities for the disposal of ashes appear to be available. In certain locations, it is highly undesirable to indiscriminately deposit the ashes from a cigarette or the like about the premises, inasmuch as this practice may constitute a fire hazard or may be considered socially impolite.

It is a primary object of this invention to provide an improved wrist receptacle which may be used as an ash tray wherein the longitudinal extent of the receptacle forms a connecting link between the opposed ends of a wrist embracing strap, the combined longitudinal extents of the receptacle and the strap thereby cooperating to define a wrist encircling article.

It is another object of this invention to provide an improved wrist receptacle having an elongated body with an open top and a closure member for the open top slidable lengthwise of the body between open and closed positions, wherein the closure member is constrained in its sliding movement toward open position so that the wrist embracing strap attached to opposite ends of the body of the wrist receptacle will be interposed between the slidable closure member and the wrist of the person wearing the wrist receptacle, thereby guarding the person against injury from the slidable closure member.

It is a more specific object of this invention to provide in a wrist receptacle, a substantially crescent-shaped body with an open top, wherein said body has an arcuately curved bottom wall to accommodate the wrist of the wearer, an arcuately curved slidable closure member for the open top of the body movable between open and closed positions, and releasable latch means for holding the closure member in closed position, said releasable latch means also serving as a snuffer element for extinguishing a lighted cigarette or the like.

Some of the objects of the invention having been stated, other objects will appear as the description proceeds when taken in connection with the accompanying drawings, in which

Figure 1 is a perspective view of the improved wrist receptacle embodying the present invention, as it would appear on the wrist of a person, portions of whose arm and hand are shown in phantom lines;

Figure 2 is an enlarged longitudinal sectional view of the wrist receptacle taken along line 2—2 in Figure 1, and showing the closure member in closed position;

Figure 3 is a transverse sectional view of the wrist receptacle taken along line 3—3 in Figure 2;

Figure 4 is a longitudinal sectional view of the wrist receptacle similar to that shown in Figure 2, but illustrating the slidable closure member in open position;

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Figure 5 is a plan view of the wrist receptacle showing the slidable closure member in open position; and

Figure 6 is an enlarged perspective view of the wrist receptacle and wrist embracing strap with the slidable closure member of the wrist receptacle in open position.

Referring more specifically to the drawings, there is illustrated a wrist receptacle 10 comprising an elongated body having a bottom wall 11, a pair of oppositely disposed side walls 12, 13 and end walls 14, 15 integrally connected at their lower edges to the bottom wall 11 and extending between the side walls 12, 13 at opposite ends thereof to form an enclosure.

As shown more clearly in Figure 2, the bottom wall 11 of the body is arcuately curved to more comfortably position the wrist receptacle 10 on a person's wrist, as illustrated in Figure 1. The side walls 12, 13 are identical, being substantially crescent-shaped in appearance. The lower edges of the side walls 12, 13 correspond with the arcuate curvature of the bottom wall 11, while the upper edges of these side walls are also arcuately curved.

The body of the receptacle 10 has an open top, one end of which is bounded by an arcuately curved cover plate or crown 16 extending partially across the upper limits of the body from the end wall 15 and between the side walls 12, 13. The plate or crown 16 has an arcuate curvature corresponding to the curvature of the adjacent upper edges of the side walls 12, 13.

It will be observed in Figures 3, 4 and 6 that each of the side walls 12, 13 of the wrist receptacle 10 is provided with an arcuate longitudinally extending groove 17 therein. The longitudinally extending grooves 17 are located on the proximal surfaces of the side walls 12, 13 and form trackways for the opposite side edges of a slidable closure member or plate 20 to be presently described. Each groove or trackway 17 is located adjacent the upper edge of its side wall 12 or 13 in parallel relationship thereto. Thus, it will be apparent that the trackways defined by grooves 17 assume the same arcuate curvature as the upper edges of the side walls 12, 13 to which they are adjacent. The free edge of the arcuately curved plate or crown 16 forms one terminal end for each of the trackways, as best illustrated in Figures 4 and 6.

The slidable closure plate 20, previously referred to, is adapted to provide a cover for the open top of the body of the wrist receptacle 10. The opposite side edges of the closure plate 20 are received within the ends of the trackways 17 remote from the arcuately curved cover plate 16, as illustrated in Figure 6. The closure plate 20 is likewise arcuately curved and assumes the same curvature as that of the trackways 17 and the curved cover plate 16. On its upper surface, the slidable closure plate 20 may be provided with a handle 21 in the form of an upstanding lug.

It will be apparent that the closure plate 20 may be guided along the trackways 17 lengthwise of the body from the open position shown in Figures 4—6, inclusive, to the closed position shown in Figures 1 and 2 by grasping the handle 21 and applying force thereagainst in a direction toward the curved cover plate 16. The closure plate 20 assumes its fully closed position when its forward or leading edge is moved into abutting relationship with the free edge of the curved cover plate 16, as shown best in Figure 2. It is normally desirable to maintain the slidable closure plate 20 in closed position except when ashes are being deposited in the wrist receptacle 10, and means for releasably latching the closure plate 20 to the curved cover plate 16 are provided for this purpose. The releasable latching means takes the form of a resilient spring clip 22 secured to the lower surface of the closure plate 20 adjacent the leading edge thereof.

The resilient spring clip 22 includes a base 23 having



the same arcuate curvature as the lower surface of the closure plate 20 and rigidly secured thereto in a suitable manner, an intermediate inwardly bowed portion 24 and an outwardly bowed detent portion 25 at its forward end. Only the base 23 of the resilient spring clip 22 coincides with the lower surface of the closure plate 20; as the intermediate inwardly bowed portion 24 and the outwardly bowed detent portion 25 extend beyond the slidable closure plate 20.

It will be observed that the detent portion 25 under normal unstressed conditions, as shown in Figure 4, is bowed outwardly to an extent that it will abut the free edge of the curved cover plate 16 upon the movement of the slidable closure plate 20 toward the curved cover plate 16. The continued movement of the slidable closure plate 20 in this direction causes the detent portion 25 of the resilient spring clip 22 to be deflected inwardly by the curved cover plate 16 so that the detent portion 25 rides against the lower surface thereof in a tensioned state. Thus, when the slidable closure plate 20 has been moved to the fully closed position shown in Figure 2, the resilient spring clip 22 serves as a releasable latch because of the frictional engagement between the detent portion 25 thereof and the lower surface of the curved cover plate 16 and holds the closure plate 20 in fully closed position unless a sufficient force is applied against the handle 21 of the closure plate 20 in a direction away from the curved cover plate 16 to retract the closure plate 20 and permit the detent portion 25 of the resilient spring clip 22 to be disengaged from the lower surface of the curved cover plate 16. When the closure plate 20 has been retracted sufficiently to disengage the detent portion 25 from the lower surface of the curved cover plate 16, the detent portion 25 will spring back to its normal untensioned state, as shown in Figure 4.

The rear edge of the base 23 of the resilient spring clip 22 serves as a stop to prevent the closure plate 20 from being entirely removed from the trackways 17, thus determining the fully opened position of the closure plate 20. This is accomplished by the abutting relationship obtained between the base 23 and the end wall 14 of the wrist receptacle 10 when the closure plate 20 has been moved to fully opened position. As shown, an inwardly extending flange 26 may be provided on the rear end of the base 23 to enhance the abutting relationship between the base 23 and the end wall 14.

It will be observed that the opposite ends of each of the side walls 12, 13 extend beyond the corresponding end walls 14, 15 to form integral lug portions for the reception of means to attach the wrist receptacle 10 to the ends of a wrist embracing strap or band 30. The attaching means at each end of the receptacle 10 may take the form of a pin 31 adapted to extend through a hook 32 forming the adjacent end of strap 30. The opposite ends of the pin 31 may be secured to the corresponding lug portions of the side walls 12, 13 for the wrist receptacle 10 in any suitable manner.

Thus, the wrist receptacle 10 forms a connecting link between the ends of the strap 30 to provide a wrist encircling article, the longitudinal extents of the wrist receptacle 10 and the strap 30 being so arranged as to be coextensive with the line created by an imaginary plane which bisects the receptacle 10 and the strap 30. With this construction, the strap 30 will be interposed between the wrist of the person wearing the receptacle 10 and the slidable closure plate 20 whenever the closure plate 20 is in open position, thereby acting as a guard

or shield against injury to the wearer from the closure plate 20 which could otherwise gouge into the flesh of the wearer upon being subjected to a sudden blow.

The wrist embracing strap or band 30 is illustrated as an extensible-link band, but it will be distinctly understood that any suitable strap or band may be employed for this purpose within the spirit of the invention.

The resilient spring clip 22 not only provides a releasable latching means for the slidable closure plate 20, but may be used as a snuffer element to extinguish a lighted cigarette or the like before depositing the same in the confines of the wrist receptacle 10. In the latter connection, it is preferable to provide an elongate aperture 33 in the intermediate inwardly bowed portion 24 of the resilient spring clip 22.

The wrist receptacle 10 is preferably made of brightly polished metal to present an attractive appearance when worn about the wrist of a person. Since metals are generally good conductors of heat, a layer of insulation material may be provided as an inner or outer liner for the bottom wall 11 of the wrist receptacle 10, if desired, to protect the wrist of the person wearing the same from the heat of the ashes deposited in the receptacle. The layer of insulation when placed on the external surface of the bottom wall 11 may also provide a buffer cushion between the wrist receptacle 10 and the person wearing the same.

Although this invention has been described with particular reference to its use as a wrist ash tray, it is contemplated that the wrist receptacle may be used for other purposes, such as a container for vitamin pills of the like.

In the drawings, and specification, there has been set forth a preferred embodiment of the invention, and although specific terms are employed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being defined in the claim.

I claim:

A wrist receptacle having means at opposite ends thereof for attachment to adjacent ends of a wrist embracing strap, said receptacle comprising an elongated body having a bottom wall and a pair of oppositely disposed side walls, a plate extending from one end of said elongated body and between said side walls, said plate forming a partial cover for said receptacle, a slidable closure member movable between open and closed positions and forming a cover for the remainder of said receptacle when in closed position, means for guiding said closure member between open and closed positions, means forming a releasable latch between said slidable closure member and said plate to normally hold said slidable closure member in closed position, said releasable latch means comprising a resilient spring clip secured to said closure member and having an inwardly bowed cigarette snuffer portion and an outwardly bowed detent portion protruding beyond said closure member toward said plate, and said detent portion engaging the lower surface of said plate under tension upon said closure member being moved to fully closed position.

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