

March 19, 1935.

G. K. LOWE

1,994,826

BRACELET

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Fig. 1.

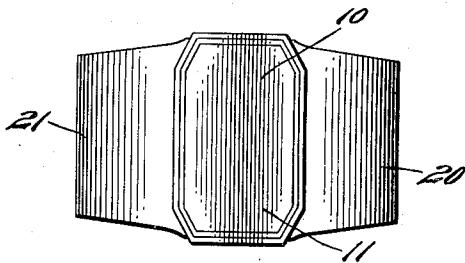


Fig. 2.

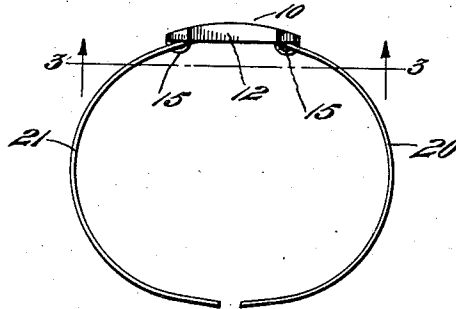


Fig. 3.

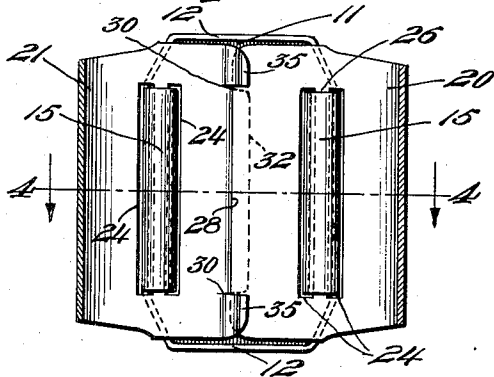


Fig. 4.

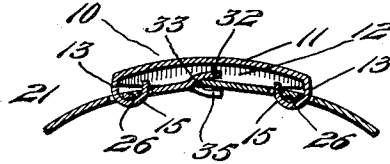


Fig. 6.

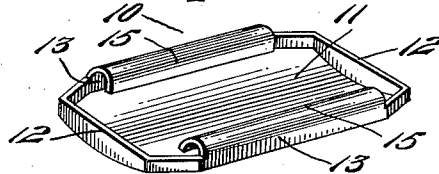


Fig. 5.

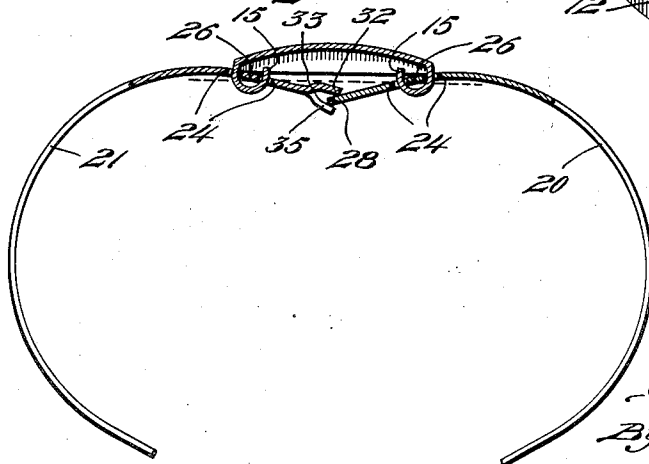
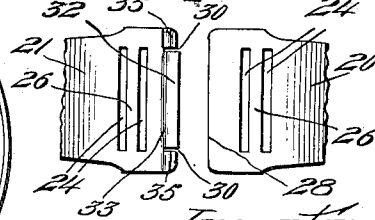


Fig. 7.



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UNITED STATES PATENT OFFICE

1,994,826

BRACELET

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7 Claims. (Cl. 63—9)

My invention relates to jointed bracelets of the wing type.

Certain essential objects of my invention are to snap, rather than pull, the wings into open or closed position; to effect this end in a bracelet wherein the longitudinal curved wings are transversely flat rather than tubular; to enable the entire structure to be composed of a minimum of parts, and capable of being cut, pierced, and bent from a flat blank; to provide upon one wing means for guarding and guiding the adjacent end of the other wing in both directions, as well as limiting the extent of arcuate travel of both ends in either direction; and to enable facile assemblage of the pieces. Further objects are inexpensiveness of construction, security, and comfort. Other objects and advantages will hereinafter be cited.

To the above recited ends primarily my invention consists in such parts and in such combinations of parts as fall within the scope of the appended claims.

In the accompanying drawing,

Figure 1 is a top plan view of a bracelet embodying my invention in closed or wearing position,

Figure 2, a side elevation of the same,

Figure 3, a section on line 3—3 of Figure 2,

Figure 4, a section on line 4—4 of Figure 3,

Figure 5, a similar section partially in elevation, of the bracelet in open position,

Figure 6, a bottom perspective view of the ornamental shell, and

Figure 7, a fragmentary plan view on a reduced scale of the adjacent ends of the wings disengaged.

Like reference characters indicate like parts throughout the views.

My bracelet includes an ornamental shell cut and bent up from a flat blank of thin sheet metal, and comprises a substantially oblong transversely curved top 11 and a depending peripheral flange 12 including resilient lateral or intermediate portions 13 integral with each of which portion is a broad downwardly, inwardly, and upwardly directed transversely curved tongue 15.

Two longitudinally arcuate transversely flat wings 20 and 21 are bent up from flat sheet metal stock, and each is provided in its upper portion with two transversely disposed interspaced parallel slots 24 laterally bounding a resultant bar 26. Each tongue 15 passes loosely through the two slots 24 of its adjacent wing and loosely engages its bar 26. The upper end edge 28 of

the wing 20 is straight and unbroken. The corresponding end edge of the wing 21 is transversely slit at two interspaced points as at 30, and the material between these points is bent to form an upwardly longitudinally inclined laterally elongated lip 32 having at its junction with the wing body a transversely disposed upwardly offset shoulder 33. The end portions of the slit edge of the wing 21 are bent downwardly and forwardly to form ears 35 which thus both lie in a plane which diverges from the plane of the flange 32.

The end edge 28 of the wing 20 thus lies at all times between the ears 35 below, and the lip 32 above, regardless of the angles assumed by the adjacent cooperating ends of the wings as they tilt upon the members 15, thus forming guides for said edge, and a shield for the same, as well as limiting excessive arcuate travel of both wings.

The total length of the portions of the wings between the bars 26, less their mutually overlapping portions is slightly greater than the distance between the resilient flange portions 13 of the shell 10, so that at one portion of the arc described by the wing ends as they are manually vibrated there occurs a dead center which forces an expansion of the flange portions 13 until the instant the interference is overcome, whereupon the flange portions react and positively propel the wings into either open or closed position, so that accidental return of the wings to opposite positions is prevented. The broken line shown in Figure 5 indicates approximately the line with which the wing ends would coincide when they are at dead center.

I claim:—

1. In a bracelet of the type set forth, a shell, longitudinally curved transversely flat wings pivotally supported adjacent their operating ends by the shell, and oppositely diverging members integral with the operating end of one wing loosely retaining the operating end of the other wing therebetween.

2. In a bracelet of the type set forth, a shell, longitudinally curved transversely flat wings pivotally connected to the shell adjacent their operating ends, a lip upon the operating end of one wing loosely overlapping the operating end of the second wing, and an ear upon the end of the first wing extending beneath the end of the second wing.

3. In a bracelet of the type set forth, a shell, longitudinally curved transversely flat wings pivotally supported by the shell adjacent their

- operating ends, an upwardly inclined lip integral with the operating end of one wing extending over the operating end of the other wing and provided with a shoulder adapted to abut against the second wing, and downwardly directed ears integral with the first wing extending below the end of the second wing.
4. In a bracelet of the type set forth, a shell comprising a top and lateral flange portions, longitudinally curved transversely flat wings provided adjacent their ends with transversely disposed slots, and curved tongues upon the flange portions engaging the wings through the slots.
5. In a bracelet of the type set forth, a shell comprising a top and resilient flange portions, curved wings, tongues integral with the flange portions pivotally engaging the wings adjacent their operating ends, the distance between the

tongues being normally less than the total length of the portions of the wings between the tongues, a member upon the operating end of one wing loosely overlapping the operating end of the other wing, and a member upon the operating end of first wing loosely underlying the operating end of the second wing.

6. In a bracelet of the type set forth, a shell, longitudinally curved transversely flat wings provided with slots, and interspaced tongues upon the shell engaging the wings through the slots.

7. In a bracelet of the type set forth, an ornamental member, depending curved tongues interspaced from each other upon the ornamental member, and longitudinally curved transversely flat wings provided with slots for the reception of the tongues.

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