

Nov. 26, 1929.

P. W. JONES

1,737,246

CLASP

Filed Aug. 25, 1928

Fig. 1.



Fig. 2.

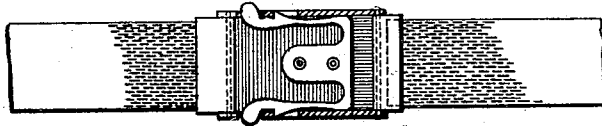


Fig. 3.

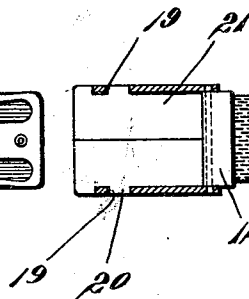
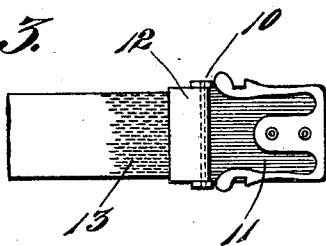


Fig. 4.

Fig. 5.

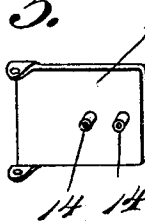


Fig. 6.

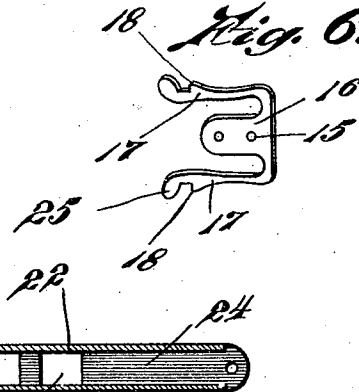


Fig. 7.

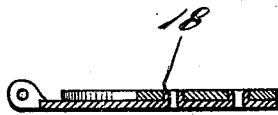


Fig. 8.

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CLASP

Application filed August 25, 1928. Serial No. 302,094.

This invention relates to an improved construction of clasp for chains and flexible bracelets and the like; and has for its object to provide a construction having a resilient part which is so mounted as to not detrimentally affect its spring action.

A further object of the invention is the provision of two separable members one of which carries a catch part and the other of which carries a pair of resilient arms which are formed from spring steel or the like and riveted to the member upon which they are mounted.

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:

Fig. 1 is a top plan view of the bracelet clasp in attached position securing the separable ends of the mesh bracelet or strap together.

Fig. 2 is a sectional view with the top of the clasp removed showing the resilient arms in engaging position.

Fig. 3 is a top plan view of one of the members of the clasp.

Fig. 4 is a sectional view of the other member of the clasp.

Fig. 5 is a perspective view of the tongue of one member of the clasp.

Fig. 6 is a perspective view of the resilient arms.

Fig. 7 is a sectional view thru the tongue and resilient part in central position.

Fig. 8 is a sectional side view of the other member of the clasp.

In the use of bracelets for securing a watch to the wrist of the wearer, it is found desirable to provide a so-called center clasp positioned midway between the ends of the bracelet which are attached to the bails of a wrist watch so that the bracelet may be disconnected at this mid-point for removing the watch from the wrist and in a device so positioned, it is of advantage to provide a thin construction to avoid obstruction to the arm in writing but yet form the same in a durable, strong manner which will not be inadvertently de-

tached to permit loss of the watch; and the following is a detailed description of the present embodiment of this invention illustrating the preferred means by which these advantageous results may be accomplished.

With reference to the drawings, 10 designates one member of the clasp having a tongue portion 11 and clamping means 12 pivotally secured thereto for attaching it to the mesh strap 13.

Tubular rivets 14 are drawn upward from the tongue and extend thru openings 15 in the compressible part 16 and are headed over as at 28 to secure this compressible part firmly in engagement with the tongue 11. The compressible part has two arms 17, each of which is formed with a shoulder portion 18 to engage the catch part 19 formed by recesses 20 in the other member 21 of the clasp, which is attached to the strap 13 by a similar clamp 12. The compressible part is formed separately and may be made of hardened material to better withstand the flexing action necessary for its operation and by attaching this by the hollow rivets 14 rather than by solder this resiliency is not lost thru annealing.

Finger engaging portions 25 on the compressible arms extend outwardly beyond the edge of the tongue 11 into position to be manually engaged for moving the arms 17 toward each other to disengage them from the catch parts 19 of the housing or socket member 21. It will be apparent from the shape of the compressible part 16 that the arms may be readily compressed for such disengagement.

The socket or housing member 21 has a top wall 22, bottom wall 23 and side walls 24, the latter of which are provided with recesses or openings 20 forming an abutment for engaging the shoulder 18 of the arm 17, when these arms are noncompressed. The tongue acts as a guide in positioning the two members of the clasp together and is of a size to snugly fit the socket member 21 so as to prevent a relative lateral movement between the members 10 and 21 and accidental release of the arms 17 from engaging position.

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It will thus be seen that I have provided a clasp which is of strong construction and may be made without any soldering operation which might detrimentally affect the resiliency of its parts, and yet one which may be made exceedingly thin to take up the minimum space upon the wrist of the wearer.

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.

1. A clasp for a bracelet strap or the like comprising a pair of members, means for securing said members to the ends of a bracelet, one of said members having a tongue base with integral rivets, a separate resilient compressible part through which said rivets extend to secure the same to said base to form a tongue, said resilient compressible part having a laterally protruding latch, and the other of said members having side walls, one side wall having an opening adapted to be entered by said latch to detachably secure said members together.

2. A clasp for a bracelet strap or the like comprising a pair of members, means for securing said members to the ends of a bracelet, one of said members having a tongue base with integral rivets, a separate resilient compressible part through which said rivets extend to secure the same to said base to form a tongue, said resilient compressible part having a laterally protruding latch, extending from each side thereof, and the other of said members having side walls, each side wall having an opening adapted to be entered by the latch adjacent thereto to detachably secure said members together.

In testimony whereof I affix my signature.
PERCIVAL W. JONES.

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