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K. A. SCHAEFER

BRACELET FASTENER

Filed June 5. 1926

Fig. 1.

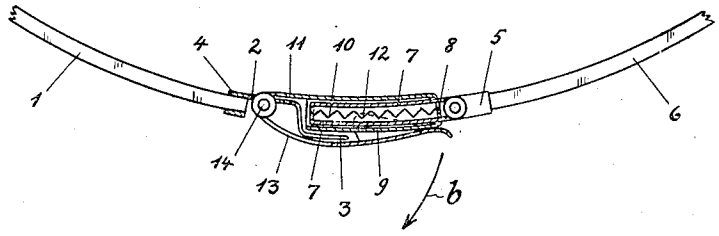


Fig. 2.

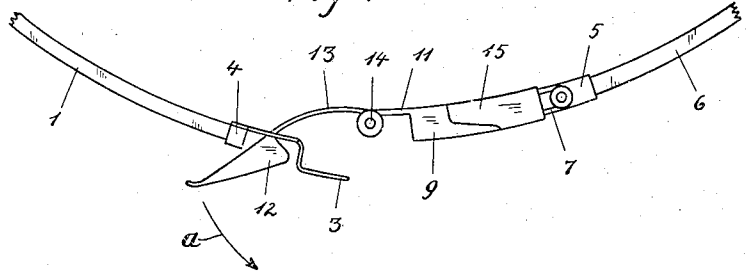
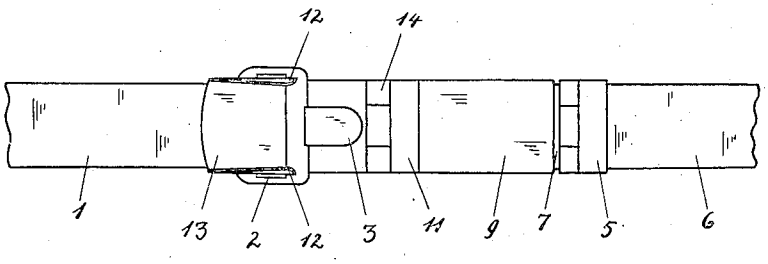


Fig. 3.



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BRACELET FASTENER.

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This invention relates to a contrivance for fastening bracelets especially wrist watches. The contrivance consists of an eye fixed at one end of the bracelet or wrist band and of an oscillatable flap hingedly fixed at the other end of the bracelet or wrist band said flap being designed to be inserted through said eye and to hook the eye over the hinge if the flap is brought into the closed position.

An embodiment of the invention is shown, by way of example, in the accompanying drawing in which

Fig. 1 shows in longitudinal section the fastening contrivance in the closing position.

Fig. 2 shows in elevation and

Fig. 3 in plan view the fastening contrivance in the open position.

On the end 1 of the bracelet or wrist band a tongue 3 bent at right angles and forming an eye 2 is fixed by means of a holder 4. On the other end 6 of the bracelet or wrist band a U-shaped bow 7 is hingedly mounted on a holder 5. On this U-shaped bow 7 a casing 9 is mounted which has a slotted end wall 8 against which bears a spiral spring 12 or bear several spiral springs 12 which act upon the U-shaped bow 7 so that the end 6 of the bracelet or wrist band is elastically connected with the fastening contrivance. The bottom plate of the casing has an extension 11 at the front end of which a flap 13 is hingedly fixed by means of a hinge 14. This flap 13 has a clamping piece 12 at each lateral edge. The clamping pieces 12 are hook-shaped so that the eye 2 hangs upon them if the flap 3 has been inserted through this eye (Figs. 2 and 3). If the inserted flap 13 is laid over in the direction of the arrow *a* (Fig. 2) the eye grips over the hinge 14 behind which it is securely held as the tongue 3 is situated between the casing 9 and the flap 13. The casing 9 has in each side wall an indentation 15 shaped in accordance with the shape of the clamping pieces 12 which engage in the locking position with these indentations (Fig. 1).

To open the fastening contrivance the flap 13 is oscillated in the direction of the arrow *b* (Fig. 1). The eye 2 which at this occasion is released from behind the hinge 14 is caught by the hook-shaped clamping pieces 12 so that it is securely held (Figs. 2 and 3) so that the wrist band cannot drop off the arm. To take the wrist band or bracelet off the eye 2 has to be unhooked with the aid of the tongue 3.

I claim:—

1. A contrivance for fastening bracelets or wrist bands comprising in combination with the bracelet or wrist band, an eye fixed to one end of the bracelet or wrist band, a U-shaped bow fixed to the other end of the bracelet or wrist band, a casing shiftably mounted on said U-shaped bow and having an indentation in the outer surface of each side wall, spiral springs in said casing acting upon said bow, an extension at the front end of the bottom plate of said casing, a hinge at the front end of said extension, a flap hingedly fixed on said extension by means of said hinge, a clamping piece at each side of said flap and of similar shape as said indentations in the side walls of said casing, said flap being designed to be inserted through said eye to pull said eye over said hinge when said flap is closed.

2. A contrivance for fastening bracelets or wrist bands comprising in combination with the bracelet or wrist band, an eye fixed to one end of the bracelet or wrist band, a U-shaped bow fixed to the other end of the bracelet or wrist band, a casing shiftably mounted on said U-shaped bow and having an indentation in the outer surface of each side wall, spiral springs in said casing acting upon said bow, an extension at the front end of the bottom plate of said casing, a hinge at the front end of said extension, a flap hingedly fixed on said extension by means of said hinge, a hook-shaped clamping piece at each side of said flap and of similar shape as said indentations in the side walls of said casing, said flap being designed to be inserted through said eye to pull said eye over said hinge when said flap is closed, said eye being held on said hook-shaped clamping pieces when said flap is in the open position.

3. A contrivance for fastening bracelets or wrist bands, comprising in combination with the bracelet or wrist band, an eye fixed to one end of the bracelet or wrist band, a tongue bent at right angles projecting from the front end of said eye, a U-shaped bow fixed to the other end of the bracelet or wrist band, a casing shiftably mounted on said U-shaped bow and having an indentation in the outer surface of each side wall, spiral springs in said casing acting upon said bow, an extension at the front end of the bottom plate of said casing, a hinge at the front end of said extension, a flap hingedly fixed on said extension by means of said hinge, a

hook-shaped clamping piece at each side of said flap and of similar shape as said indentations in the side walls of said casing, said flap being designed to be inserted through said eye to pull said eye over said hinge when said flap is closed, said eye being held on said hook-shaped clamping pieces when said flap is in the open position and said tongue being clamped between said casing and said flap when the fastening contrivance is closed and serving as a handle for releasing said eye from said flap when the contrivance is to be unfastened completely.

In testimony whereof I affix my signature.

KARL AUGUST SCHAEFER.