March 1, 1949. C. T. COLLETT 2,463,358

STRAP FASTENER

Filed April 27, 1945

Fig. 1.

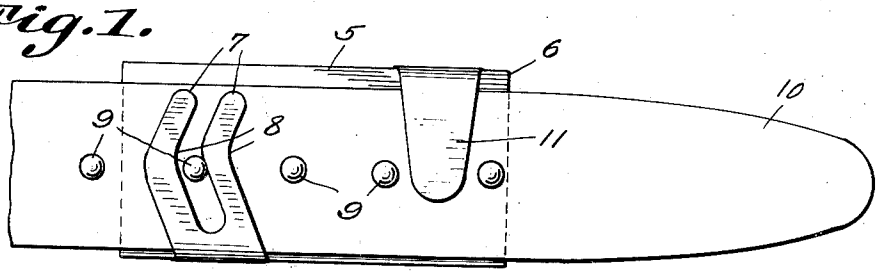
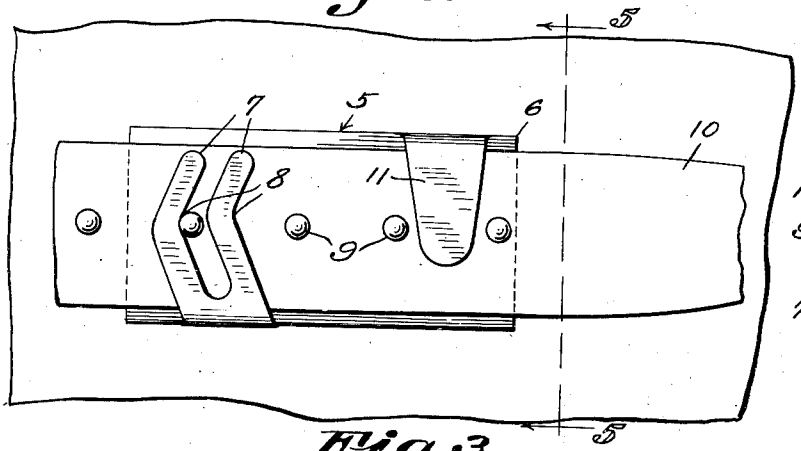


Fig. 2.



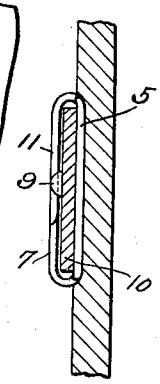


Fig. 3.

Fig. 5.

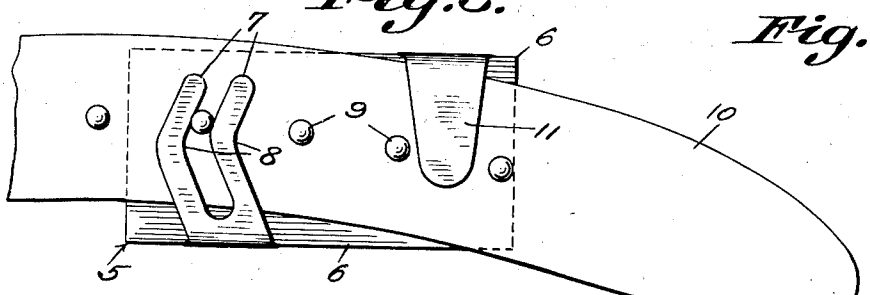


Fig. 4.

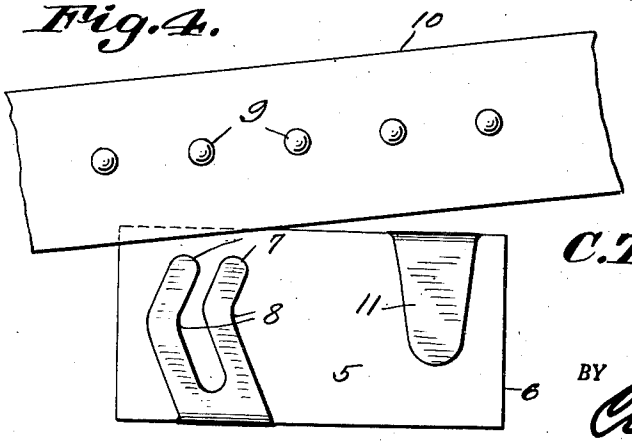
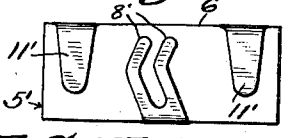


Fig. 6.



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STRAP FASTENER

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Application April 27, 1945, Serial No. 590,616

2 Claims. (Cl. 24—202)

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This invention relates to strap fasteners, the primary object of the invention being to provide a fastener of this character which will permit of the rapid opening or closing of the case, bag or article with which a strap equipped with the fastener, is used.

Another important object of the invention is to provide a strap or closure fastener, which may be operated with facility while the user is wearing gloves, thereby providing a fastener which is exceptionally practical as a fastener for brief cases, handbags or various types of luggage.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claims, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing

Figure 1 is a plan view of a fastener constructed in accordance with the invention.

Figure 2 is a plan view of the fastener illustrating the normal position of the securing lug and keeper fingers, when a pull is directed to the strap, in one direction.

Figure 3 is a view illustrating a strap as being connected with the fastener.

Figure 4 is a view illustrating the position of the strap prior to the placing of the strap within the fastener.

Figure 5 is a sectional view taken on line 5—5 of Fig. 2.

Figure 6 is a modified form of the invention illustrating the features of the invention as carried out in the construction of a wristwatch strap.

Referring to the drawing in detail, the fastener comprises a body portion 5 which is constructed of suitable metal or plastic material, the body portion including a wide base 6 and a pair of inwardly extended spaced fingers 7 that overlie the wide base 6 in spaced relation therewith. As shown by the drawing, these fingers are formed with offset portions 8 disposed intermediate the ends thereof, the offset portions defining an irregular slot, for the reception of the lugs 9 that are secured to the strap 10 used in connection with the body portion.

Extending inwardly from the opposite side edge of the body portion 5, and arranged adjacent to the opposite end of the body portion, is a finger 11 which extends an appreciable distance over the base 6 in spaced relation therewith.

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The lugs 9 are arranged in predetermined spaced relation with respect to each other longitudinally of the strap 10, the positions of the lugs being comparable to the positions of openings of a strap wherein a buckle having the usual tongue to be inserted in the openings, is used.

It will of course be understood that the body portion 5 may be secured to the case or luggage with which it is used in any desirable manner, such as providing a recess to receive the base so that the outer surface of the base will be flush with the outer surface of the case or luggage with which it is used.

In the form of the invention as shown by Fig. 6 of the drawing, the body portion of the fastener is indicated by the reference character 5', and the spaced fingers 8', which are formed with offset portions, are secured to the body portion 5', at a point substantially intermediate the ends of the body portion.

The fingers 11' extend inwardly from the opposite edge of the body portion 5' and are disposed adjacent to the ends of the body portion 5', the fingers 11' being arranged in spaced relation with the body portion 5', so that the end of a strap provided with lugs such as indicated at 9 in Fig. 3 of the drawing, may be positioned on the body portion with one of the lugs extending into the space between the fingers 8'.

This form of the invention is especially designed for use in connection with wristwatch straps, and provides a structure which is exceptionally strong and durable, and one which will not, under ordinary conditions, become disconnected.

In operation, when it is desired to fasten a strap wherein the type of fastener as shown, is used, the strap is positioned in a manner as shown by Fig. 4 of the drawing. The lug 9 will move between the fingers 7, as the strap 10 is moved towards the fingers. The end of the strap is now moved until one edge thereof falls opposite to the end of the finger 11. The strap is now moved to a position under the finger 11, where the strap is securely held to the fastener or body portion and may only be removed by reversing the movement of the strap as described.

What is claimed is:

1. The combination with a strap having spaced lugs formed on the outer surface thereof, of a strap fastener comprising a wide body portion, a pair of spaced fingers extending inwardly from one edge of the body portion and overlying the body portion in spaced relation with the body

portion and under which the strap is positioned, one of said lugs of the strap adapted to engage between the fingers, when the strap is positioned under the fingers, and a third finger extending from the opposite edge of the body portion, under which the strap is held, against upward movement.

2. The combination with a strap having spaced lugs formed on the outer surface thereof, of a strap fastener comprising a wide body portion, a pair of spaced fingers extending inwardly from one edge of the body portion adjacent to one end of the body portion, said fingers being curved intermediate their ends, providing a curved slot between the fingers, said fingers overlying the body portion in spaced relation therewith and under which the strap is positioned, one of said lugs of the strap being movable between the fingers, securing the strap to the fastener, and a third finger extending inwardly from the opposite edge of the body portion and overlying the body portion adjacent to the opposite end of the body portion, the latter finger being movable between adjacent lugs of the strap, further securing the strap to the fastener and restricting movement of the strap longitudinally of the fastener.

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