April 4, 1944. N. A. DOERR 2,345,556

DETACHABLE ORNAMENT OR INSIGNIA

Filed Sept. 18, 1943

Fig. 1.

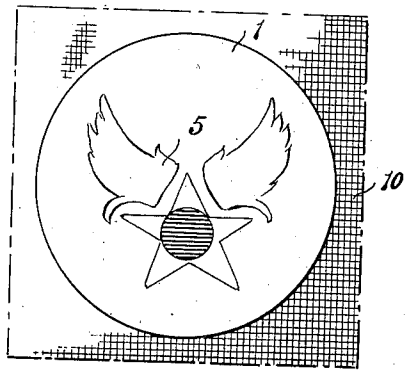


Fig. 2.

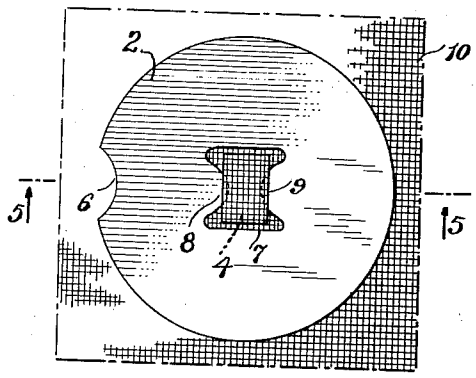
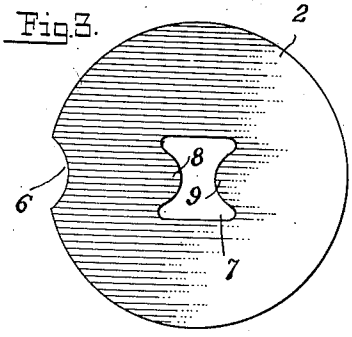


Fig. 3.



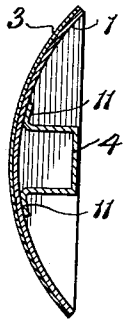


Fig. 4.

Fig. 5.

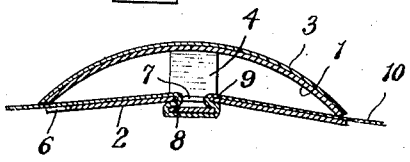
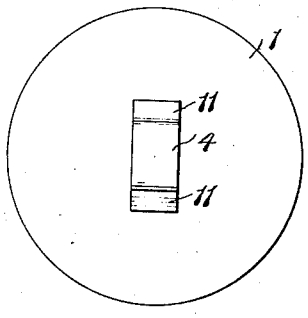


Fig. 6.



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UNITED STATES PATENT OFFICE

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DETACHABLE ORNAMENT OR INSIGNE

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Application September 18, 1943, Serial No. 502,905

3 Claims. (Cl. 40—1.5)

This invention relates to means for detachably securing insignia, ornaments or other markings or identifying devices to garments, and the primary object of the invention is to provide a means of this character by which the ornament or insigne can be secured to the garment without requiring perforation of the garment and without necessitating stitching or sewing of the ornament to the garment whereby the ornament or insigne may be easily removed when the garment is sent for laundering and subsequently as easily replaced thereon.

The invention is particularly applicable for use in connection with shoulder or other insignia worn by the military forces, although it is capable of many other uses. Such insignia as used at the present time, consists of a disk or patch of fabric which is attached to the garment by being sewed thereto. Suitable tailoring facilities are not always available to the soldier, with the result that the insigne is often applied to the garment in a rather crude fashion. Moreover, unless some of the insignia are not detached when the garments are laundered, the colors are likely to run and damage the garment or else present an untidy appearance.

With the present invention, an insigne may be instantly attached and detached from the garment. Moreover, due to its construction, it presents a pleasing raised or rounded appearance, thereby greatly improving its looks and adding considerably to the appearance of the uniform.

In the accompanying drawing, wherein an illustrative embodiment of the invention is disclosed, Fig. 1 is a face view of an ornament or insigne constructed in accordance with the invention and attached to a part of a garment; Fig. 2 is a rear view of the same; Fig. 3 is a face view of the retaining disk; Fig. 4 is a sectional view through the body portion of the ornament; Fig. 5 is a sectional view on the line 5—5 of Fig. 2, looking in the direction of the arrows, and Fig. 6 is a view of the back of the body portion.

The body portion of the ornament or insigne is shown at 1 and the same is illustratively shown in the form of a dished or concavo-convex disk having its front or convex face provided with the ornamentation 5, which may be produced on a sheet of textile fabric adherently secured to the front face of the member 1, or the ornamentation may be provided on the member 1 in any other suitable manner. Also, while the ornament is shown in round or disk form, it may well be made in any other desired outline.

Centrally located on the rear or concave side of the body portion 1 is a projecting loop member or strap 4 rigidly secured to the back of the member 1 in any suitable way and provided with the leg portions 11 by which said securement may be easily effected. Both the body portion 1 and the loop member 4 may be made from any relatively light and stiff sheet material, such as nitro cellulose or cellulose acetate, or any other satisfactory plastic.

The retaining disk is shown at 2, said disk being composed of relatively thin and flexible sheet material, such as "Celluloid" or the like, and of substantially the same size and shape as the body portion 1, except that the disk 2 is relatively flat as distinguished from the dished shape of the member 1. Centrally located in the disk 2 is an aperture 7 of such a size and shape as to permit of it fitting around the loop 4 in a manner presently explained.

The opposite edges of the aperture 7 are shaped to provide two opposed, inwardly extending flexible tongues 8 and 9 which, when the loop 4 is extended through the aperture 7, enter into the loop as seen in Figs. 2 and 5. Provided in the edge of the disk 2 is a notch or recess 6 constituting an indicating means to facilitate the coupling and uncoupling of the disk 2 with the loop 4.

From the foregoing, the operation of the device will be readily understood. In attaching the ornament or insigne, the body portion 1 with its ornamented or convex face disposed outwardly, is placed against the outer face of the garment to which it is to be attached. The retaining disk 2 is placed at the back of the garment so that a portion of the body of the garment is now sandwiched between the body portion 1 and the disk 2. By sliding the retaining disk 2 sidewisely slightly and simultaneously pressing the central portion of said disk inwardly, one of the tongues 8 or 9 can be sprung past the loop 4 to enter within it. Then, by a sliding movement of the disk in the opposite direction, the second tongue will slide within the loop. The disk 2 is now shifted slightly to locate it in alignment with the body portion 1, and the two tongues 8 and 9 will then be found to be engaged in the loop and holding the fabric of the garment drawn snugly around the loop and under slight tension. The arrangement is such that when the same is in the position described, the retaining disk is slightly dished and held under tension, and thus its inherent resiliency will cause it to securely attach the ornament to the garment as explained, yet permit the instant removal of it whenever desired. In disengaging the retaining disk 2, the

notch or recess 6 indicates the point at which the disk is to be raised slightly to move the first of the tongues 8 or 9 out of the loop 4.

The dished contour of the body portion on which the ornamentation is provided, causes a pleasing raised or elevated appearance to be given to the ornamentation, thus greatly enhancing the beauty of the ornament.

What I claim is:

1. An ornament of the character described comprising, a dished plate having a rearwardly extending loop, a retaining plate of thin flexible material provided with a central aperture fitting over the loop and through which the loop projects, the edges of the aperture being formed with flexible tongue portions extending into the loop and holding a part of the fabric disposed between the two plates over the loop and partly projected into the loop.

2. An ornament of the character described comprising, an ornamental face plate disposed on the outer side of a garment and having a rearwardly extending loop projecting from its back face, a retaining disk at the back of the garment provided with a centrally disposed aperture formed with two flexible tongue portions projecting toward one another and entrant into the loop from its opposite sides and engaging a portion of the fabric of the garment and holding it over and around the loop and between the face plate and disk.

3. An ornament of the character described comprising, a pair of disks between which a part of a garment is sandwiched, one of the disks having a projecting loop and the other disk having an aperture through which the loop and a portion of the fabric of the garment is extended, said aperture having its edges formed with oppositely disposed tongues entrant into the opposite sides of the loop to engage with and force parts of the fabric within the loop.

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