Nov. 26, 1957 H. LEV 2,814,047

MOUNTING DEVICE WITH CAP

Filed March 9, 1955

Fig. 1.

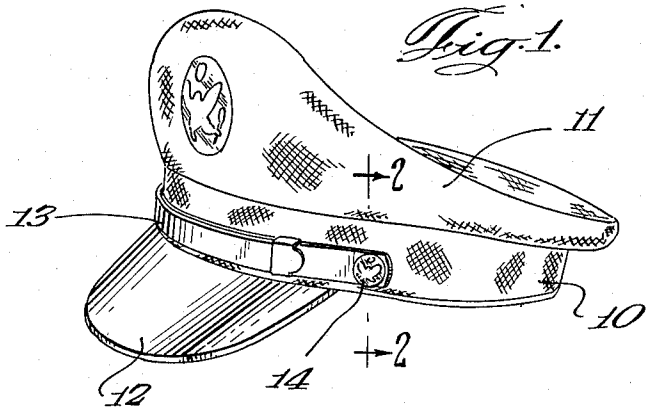


Fig. 2.

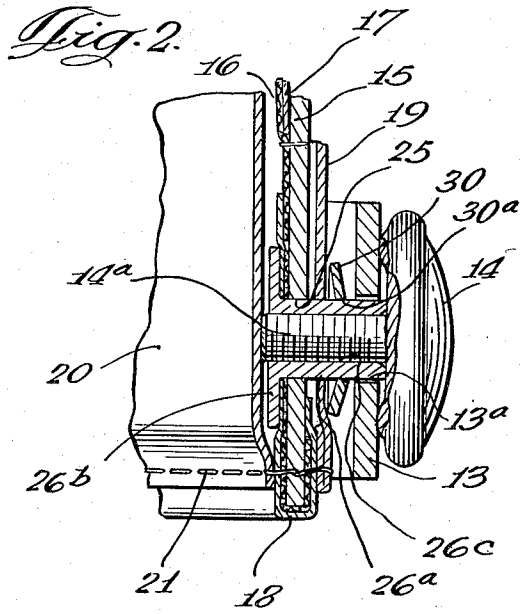
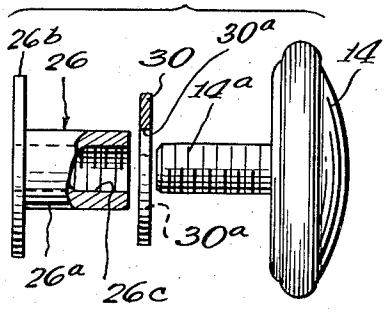


Fig. 3.



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United States Patent Office 2,814,047
Patented Nov. 26, 1957

2,814,047

MOUNTING DEVICE WITH CAP

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Application March 9, 1955, Serial No. 493,079

1 Claim. (Cl. 2—195)

This invention is concerned with a mounting device and more particularly with a mounting device for ornamented side buttons on military style caps.

Military or uniform caps generally, if not always, are provided with design bearing side buttons on either side of the frame just to the rear of the visor. The side buttons not only provide ornamentation but also serve to secure to the cap a strap, or in some cases two straps, which extend around a portion of the frame of the cap. One form of side button presently in use is provided with a threaded stud which is received in a complementary threaded bore of a mounting device rigidly affixed to the frame. When the design bearing side button is threaded into the mounting, the design is usually improperly aligned. With present mountings of the character described, it is impossible to obtain proper alignment of the design without taking the side button apart in order to shift the position of the design with respect to the threaded stud.

It is a principal object of the present invention to provide a new and improved mounting which allows proper positioning of the design on the side button secured thereto.

One feature of the invention is the provision in a uniform cap having a frame with a strap extended around a portion thereof, of means for mounting the strap comprising a pair of fittings rotatably carried by the frame and design bearing members complementary with the fittings, the fittings and members engaging each end of the strap, rotation of the fitting permitting proper alignment of the design on the design bearing members.

Another feature is the provision of a mounting device for mounting a design bearing member on a base comprising a mounting member having a portion adapted for engagement with a complementary portion of the fitting and means for reluctantly rotatably mounting the member on the base, rotation thereof permitting proper positioning of the design bearing fitting.

Still another feature is that the mounting member has a flange portion and a stud portion, the stud portion extending through an opening in the base and being adapted for supporting engagement with a complementary portion of the design bearing fitting, and a collar is pressed over the stud portion of the mounting member, the base being gripped tightly between the collar and the flange.

Further features and advantages of the invention will be readily apparent from the following specification and from the drawings, in which:

Figure 1 is a perspective view of a military cap;

Figure 2 is a fragmentary section taken along line 2—2 of Figure 1; and

Figure 3 is an exploded view of the mounting device and side button.

Uniform caps worn by military personnel have side buttons which generally bear a spread-winged eagle design and which must be properly positioned in order to present the desired appearance. The mounting device for such side buttons is, sometimes, stapled directly to the cap frame while in another known arrangement, the

mounting device is imbedded in a plastic cap frame as shown in my Patent 2,672,616. With both of these types of mounting, it is apparent that unless the mounting member is properly positioned, the design on the side button will not be upright when it is secured to the mounting.

Referring now to the drawings, Figure 1 shows a military or uniform style cap having a frame **10** and cover **11** of the usual style. A visor **12** is attached to the frame at the front portion thereof and extends downwardly thereform. A strap **13** extends around the forward portion of the frame **10** and is secured at one end by a design bearing side button **14** positioned just rearwardly of the end of the visor **12**. It will be understood, of course, that the other end of the strap **13**, lying on the far side of the cap, as seen in Figure 1, will also be secured by a design bearing side button (not shown).

Referring now to Figure 2, it will be seen that the frame **10** of the cap is made up of a base member **15** which may be a wood pulp composition material having an open weave fabric material **16** secured to the inside thereof providing support for a resilient metal band **17** which maintains the cap frame in the desired generally oval shape. A fabric binder piece **18** is disposed around the lower edge of the frame while an outer fabric band **19** extends around the outside of the frame. The strap **13** and band **19**, together with a sweat band **20**, are all secured to the base member **15** by means of suitable stitching **21**.

An opening **25** is provided extending through the base member **15**, fabric sheet **16**, strap **13** and band **19**, permitting the insertion of the stud portion **26***a* of mounting member or fitting **26**. The fitting **26** is provided with a flange portion **26***b* which underlies sweat band **20**. The stud portion **26***a* of fitting **26** has a threaded central bore **26***c* extending throughout the length thereof.

A collar **30**, which has an opening **30***a* therein, is pressed over stud portion **26***a* of mounting member **26** so that the frame of the cap is gripped tightly between flange **26***b* and at least the outer peripheral portion of the collar. The collar **30** is, before assembly, flat as shown in Figure 3, but the opening **30***a* therein is slightly smaller than the stud **26***a* so that during the pressing operation the collar assumes the concave configuration shown in Figure 2. Thus, the frame of the cap is gripped tighter between the outer periphery of the collar and flange **26***b* than at other points on the collar.

The end of strap **13** has a hole **13***a* therein through which stud portion **26***a* of the mounting device extends. Design bearing side button **14** is provided with a threaded shank portion **14***a* which is received by the threaded bore **26***c* of the mounting fitting.

It will be obvious that when the side button **14** is tightened in the mounting fitting **26**, the threaded connection will determine the position of the design carried thereon which will be properly positioned only if the threaded stud portion of the button is properly related to the design. This is something that would be quite difficult, if not impossible, to control particularly in a mass production operation. The frictional engagement between the mounting member **26** and the cap frame **10** provided by the present invention permits the mounting device to be rotated to such a position that the design on the side button **14** is properly aligned. This may be done quite easily be merely grasping the side button between the fingers and turning the entire assembly to the desired position. The frame gripping action between the collar **30** and flange **26***b* of the mounting member should be such as to permit this rotation when desired without being so loose as to allow the mounting member to rotate accidentally. I have chosen to describe this relationship as "reluctantly rotatable."

The mounting device disclosed herein permits the

proper initial alignment of the design bearing side button while preventing any misalignment thereof during subsequent use. In addition, should it for one reason or another become necessary or desirable to change the ornamental side buttons on the cap, the mounting device may be rotated as necessary to effect the desired positioning of the new side button which may be different from that originally used.

While I have shown and described certain embodiments of my invention, it is to be understood that it is capable of many modifications. Changes therefore in the construction and arrangement may be made without departing from the spirit and scope of the invention as disclosed in the appended claim.

I claim:

In a uniform cap, decorative means of the character described, comprising: a mounting member having a flange portion and a cylindrical stud portion, the stud portion being provided with means at the outer end thereof for mounting a design bearing fitting thereon, the member being mounted on said cap with said flange portion inside the cap and in engagement with the inner surface thereof and the stud portion extending outwardly through the cap; a collar tightly engaging the stud portion

outside the cap and in engagement with the outer surface of the cap, the collar and flange gripping the cap tightly therebetween, holding the mounting member on the cap and reluctantly permitting rotation of the mounting member on the cap; a design bearing fitting mounted on the outer end of said stud portion and in fixed relation to said mounting member; and a strap extending at least part way around the cap and having an opening at one end loosely fitting over the stud portion between the collar and the fitting, forced rotation of said mounting member relative to said cap permitting proper alignment of the design on said design bearing fitting, relative to the cap.

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