

March 2, 1937.

H. W. RICHARDSON

2,072,218

NOVELTY BUTTON

Filed June 7, 1935

Fig. 1.

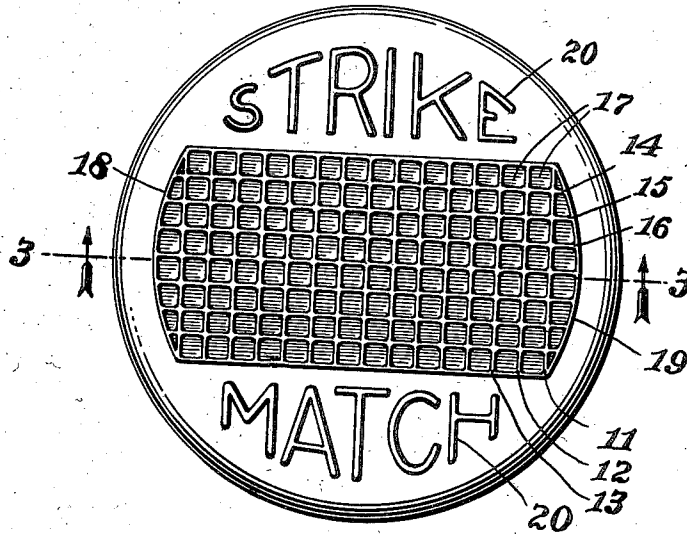


Fig. 2.

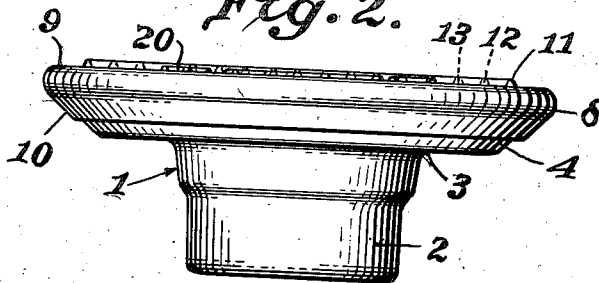
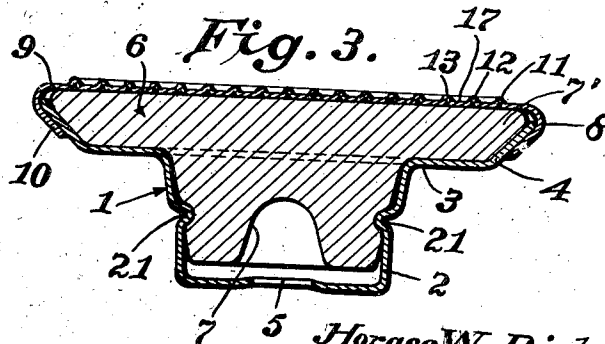


Fig. 3.



Inventor:

Horace W. Richardson,

By

Parky Cook,
Attorney.

UNITED STATES PATENT OFFICE

2,072,218

NOVELTY BUTTON

Horace W. Richardson, Tucker, Ga., assignor to
The Patent Button Company, Waterbury,
Conn., a corporation of Connecticut

Application June 7, 1935, Serial No. 25,521

2 Claims. (Cl. 44—48)

My invention relates to new and useful improvements in buttons.

One of the objects of the present invention is to provide a novelty tack button having a rough surface, so that the wearer of overalls or a coat with these buttons thereon may easily and conveniently strike a match on the face of the button.

Still another object of the invention is to provide a button wherein the cap will have a raised surface made up of a multiplicity of lines that cross each other, so that a match head can be conveniently drawn across the same and enough friction will be created to cause the match to light.

Still another object of the invention is to provide a button, especially a tack button (as these are the buttons that are universally used on overalls, work-suits, and coats), wherein any desirable insignia can be placed thereon and also a raised surface that will present a multiplicity of lines, so that a match can be lighted by drawing it across the same, and to further provide an anvil for the button that will receive the tack and, at the same time, strongly back up the relatively thin shell on which the striking surface is impressed.

With these and other objects in view, the invention consists in certain new and novel features and combination of parts, as will be hereinafter more fully explained and pointed out in the claims.

Referring now to the drawing showing a preferred embodiment,

Fig. 1 is a top plan view, on a greatly enlarged scale for the sake of clearness of illustration, showing a plurality of lines on which a match is to be struck;

Fig. 2 is a side elevation of the same; and

Fig. 3 is a vertical sectional view taken on the line 3—3 of Fig. 1.

Referring now to the drawing, and more particularly for the moment to Fig. 3, there is shown a hub 1, which is in the form of a shell having the body portion 2, the shell flaring outwardly, as at 3, and then upwardly and outwardly, as at 4. The bottom of the hub may be perforated, as at 5, as it is through this opening 5 that the prong of a tack (not shown) will be driven, as is well known, to fasten the button to the garment.

Within the body 1 of this shell is positioned what is known as a die or anvil 6, which may be centrally recessed, as at 7, so that when the tack 55 is driven into the hub it will be deformed and

deflected against the anvil 6 and tightly hold the button in place.

In the present instance, it will be noted that the anvil 6 is also provided with a relatively thick head portion 7', which completely fills up the upper part of the shell and, in fact, extends above the upper peripheral rim 8 of the shell. Over this anvil is placed a cap 9 that is crimped, as at 10, over the shell to complete the button head, the anvil 6 having the shell bearing directly thereon across its entire diameter. This is to properly back up and support the relatively thin cap, as this cap is to be subjected to a strain not usually placed on buttons.

Now as may be seen in Figs. 1, 2, and 3, there is formed in the shell a plurality of raised lines 11, 12, 13, etc., while extending at right angles thereto are the further raised lines 14, 15, 16, etc. Between these lines there are formed the little pockets 17, as will be readily understood.

Outlining the opposite edges of this roughly formed (frictional) surface, the edges may be rounded, as at 18 and 19, both for the sake of appearance and so that the match head will not strike too abrupt a projection when drawn against the same. The cap of the button may also have any desired insignia thereon, such as at 20, and in the present instance, there are shown the words "Strike match", which are indicative, of course, of the secondary use of the button.

In Fig. 3, I have shown how the anvil 6 may be further held in position within the shell, which consists of indenting the shell, as at 21, which will drive the metal displaced from the shell into resultant indentations in the anvil. It will be understood that the outline or contour of this raised frictional surface might be changed without departing from the spirit and scope of the invention.

Finally, it will be seen that I have produced a novelty button that is inexpensive to manufacture and wherein the surface is formed especially to be used for striking matches. Also, the cap on which the surface is formed is well backed up by the anvil or die, which anvil or die, it will be understood, is arranged for deforming the tack during the attaching operation for securely holding the button in position.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A tack button including a shell, an anvil fitted therein and adapted to deform the prong

of a tack when the latter is driven into said shell, to thereby hold the button in position, a metal cap crimped about the upper edge of said shell, said cap having stamped therein a multiplicity
5 of raised surfaces which intercept and cross each other in a geometrical manner to form a frictional surface on which to strike a match, said raised surfaces extending above the normal plane of the rim of the button.
10 2. A metal tack button including a shell, an

anvil with a depending hub fitted within said shell, a cap fitted over the upper edge of said shell and supported by said anvil, the cap having stamped therein a plurality of pockets formed by
angularly arranged geometrically raised surfaces 5 to thereby provide a frictional surface on which to strike a match, said raised surfaces extending to a point slightly remote from the periphery of the button.

HORACE W. RICHARDSON. 10