H. KERNGOOD.

SNAP FASTENER CAP.

APPLICATION FILED JAN. 12, 1911.

1,037,263. Patented Sept. 3, 1912.

Fig. 1.

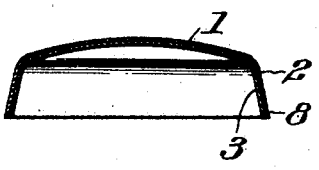


Fig. 4.

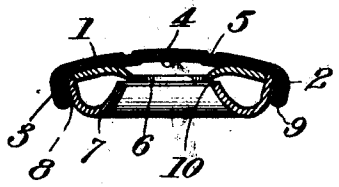


Fig. 2.

Fig. 5.

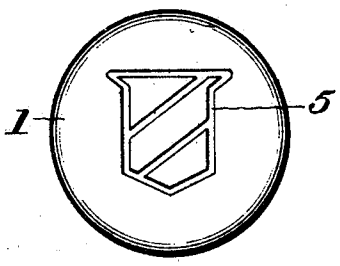


Fig. 3.

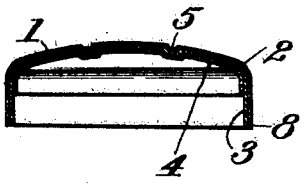
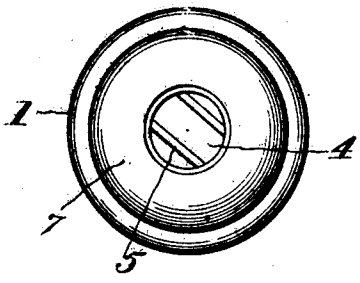


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

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SNAP-FASTENER CAP.

1,037,263. Specification of Letters Patent. Patented Sept. 3, 1912.

Application filed January 12, 1911. Serial No. 602,338.

To all whom it may concern:

Be it known that I, HERMAN KERNGOOD, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented a certain new and useful Improvement in Snap-Fastener Caps, of which the following is a full, clear, and exact description.

The caps or covers or tops, as they are indifferently named, of the socket members of snap fasteners and similar buttoning devices, have been made in a more or less expensive manner, of metal, celluloid, horn, ivory or pearl and other substances, and furnished with various designs, principally in the nature of advertisements of the maker of or dealer in the articles to which they are applied. In one method of manufacturing these caps, a metal cup-like shell is supplied with a cover of paper-backed celluloid in a thin sheet on which cover alone the design is placed. The design is impressed in intaglio and in relief, or a combination of both styles, and in other ways. In the old style, the shell is left plain, and hence there is no substantial support for the design on the cover, and so the design is soon defaced in use, and indeed is liable to be defaced in setting the fastener. If the design were made separately on the cover and the shell, the cover and shell would have to be accurately fitted in order that the lines of the design on the two should register. Such perfect registration would be costly in time and labor, and consequently would enhance the first cost immoderately and in fact prohibitively. In the solid caps, of course, the design of whatever style is entirely practicable, and it is one object of this invention to simulate such solid caps in a covered cap.

The invention consists of an ornamental face for snap fastener caps, which is made up of an inner metal shell and an outer cover of impressionable material, such as paper-backed celluloid, suitably united, the design being impressed in the two parts and registering throughout, all as I will proceed now more particularly to set forth and finally claim.

In the accompanying drawings, illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is a cross-section of the cover; Fig. 2 is a cross-section of the shell, and Fig. 3 is a cross-section of the cover and shell assembled and impressed with the design. Fig. 4 is a cross-section of the finished cap; Fig. 5 is a top plan view thereof, and Fig. 6 is a bottom plan view thereof.

A very simple design is shown merely as illustrative, it being understood that the most elaborate designs may be applied in accordance with this invention. Further, it is to be understood that the invention is not limited to the use of paper-backed celluloid, or indeed to any form of celluloid, but I have obtained satisfactory results from the use of paper-backed celluloid, because of its capability of receiving and retaining the design, and its adaptability to being colored to match the article on which the cap is used, and its conformability to the shell as a cover therefor; nor is the invention limited to the use of any particular substance for the cover; nor is the invention restricted to any kind of fastening.

With this general statement of the object and principle of the invention, I will proceed to a description of the invention as illustrated in the drawings.

The cover 1 may be of the substance desired, and it is shown as composed of an outer sheet or layer of celluloid 2 and a backing 3 of paper. This cover is cut in circular form and bent over the metal shell 4, as shown in Fig. 3. Simultaneously with this last described operation, the design 5 is impressed on the cover and shell at one operation and thus registered accurately in the two members. To form a cap, cover, or top for a snap fastener socket, an anvil 6 is inserted within the shell and next to it is placed the collet 7, the edge 8 of the cover 1 being tucked or crimped in between the inside of the shell and the adjacent edge of the collet, and then the edge-flange 9 of the shell closed in, as seen in Fig. 4, thus firmly uniting all of the parts. A space 10 is left between the anvil and collet to receive the attaching eyelet, not shown, but of usual form and mode of setting.

The application of the cover to the shell and the simultaneous impressing of the design upon the two may be effected by suitably engraved or otherwise prepared dies, mounted in a suitable press. By this operation, the registering of the design upon the cover and shell is accurately effected, and in an economical and expeditious way, so that caps may be profitably supplied to users in

any color and with any design, and the design on or in the cover accurately and adequately supported from beneath and reinforced against defacement by wear and tear, or in other words, backed up so as to retain its form and integrity.

What I claim is:—

1. An ornamental face for snap fastener caps, having an inner metal shell and an outer cover of impressionable material placed over the shell and fixed to it, the two parts containing a design impressed in the cover and shell and registering throughout, whereby the cover design is backed up and reinforced against wear and tear by the same design in the shell.

2. An ornamental face for snap fastener caps, having an outer cover of paper-backed celluloid and an inner metal shell suitably united and provided with a design impressed in the cover and shell and registering throughout, whereby the design in the cover is supported from beneath by the corresponding design in the shell.

In testimony whereof I have hereunto set my hand this eleventh day of January, A. D. 1911.

HERMAN KERNGOOD.

Witnesses:
A. H. GREENEBAUM,
NELLIE DOYLE.