

UNITED STATES PATENT OFFICE.

GEORGE L. SUTTON, OF CRESTON, IOWA, ASSIGNOR OF ONE-HALF TO S. S. WHITE, OF SAME PLACE.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 389,420, dated September 11, 1888.

Application filed July 10, 1888. Serial No. 279,519. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. SUTTON, a citizen of the United States, residing at Creston, in the county of Union, State of Iowa, have invented certain new and useful Improvements in Buttons, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has relation to ventilating-buttons, and is especially designed for use in connection with mattresses, though, as will hereinafter appear, it may be used for other purposes, such as hats, &c.

Among the objects in view are to provide a strong and serviceable and easily-attached button, which may be provided at a minimum cost and manufactured with facility.

Other objects and advantages of the invention will hereinafter appear, and the novel features will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 represents a mattress provided with buttons constructed in accordance with my invention. Fig. 2 is an enlarged view of a portion of a mattress, or it may be a section of a hat. Fig. 3 is a detail in bottom plan of the base of the button. Fig. 4 is a similar view of the reticulated insect-guard. Fig. 5 is a similar view of the central securing-flange plate. Fig. 6 is a view of the base-plate; and Fig. 7 is a central transverse section, the parts being in position and secured to an article.

Like numerals indicate like parts in all the figures of the drawings.

1 represents the base-plate, which is formed with a central opening, 2, and radiating slits 3, adapted to be bent inwardly to form a shank, 3, and securing-flange 4, the outer edge of the plate being preferably turned to form a bead, 5. Mounted upon the shank 3 prior to the formation of the flange 4 is a perforated plate, 6, the outer periphery of which is turned to form a flange, 7. Against the flange 4, formed on the shank 3, is placed a reticulated vermin-guard, 8, (see Fig. 4,) and over this is mounted the cap-piece 9, having a central opening, 10, and having its periphery rearwardly flanged, as at 11, to lock over the flange 7, formed on the plate 6, all as clearly shown in Fig. 7.

12 represents a mattress, to which a series of buttons, 13, constructed in accordance with my invention, are applied.

To apply a button, the shank 3 is inserted from the under side of the ticking through an opening formed therein, after which the central flanged locking-plate, 6, is mounted thereon, the flanges of the plate being turned outward by any suitable device. Tongues formed by the slits 3 are spread, as shown in Fig. 7, to form the flange 4. The insect or vermin guard 8 is now placed in position and the cap-piece 9 mounted over the same, and its flanges 11 either sprung in position, so as to take over the flange 7 of the plate 6, if previously formed, or by any suitable tool said flanges may be clinched to lock with said flanges 7 of the plate 6, if it is undesirable to form the flanges on the cap-piece at the time of the stamping of the cap. By the provision of such a button a thorough and healthful ventilation of the mattress is obtained, and dust, insects, and vermin excluded.

Having described my invention, what I claim is—

1. A button having a base centrally perforated, as at 2, to form a shank, 3, and slitted, as at 3, to form a flange, 4, and having a central plate, 6, mounted on the shank and having its periphery flanged, as at 7, an insect-guard, 8, mounted over the opening 2 of the base, and the superimposed perforated cap-piece, 9, having peripheral flanges 11 to connect with the central plate, 6, substantially as specified.

2. The combination, with a mattress, of the button 13, consisting of the base-plate 1, having the central opening and shank 3 and flanged, as at 4, the central plate, 6, flanged, as at 7, mounted on the shank, the interposed guard 8, and the superimposed cap-piece 9, having the central opening, 10, and peripheral locking-flanges 11, adapted to take over the flanges 7 on the central plate, 6, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE L. SUTTON.

Witnesses:

J. J. VAN IDERSTINE,
JOHN B. STONER.