

(No Model.)

S. CARY.
BUTTON.

No. 576,186.

Patented Feb. 2, 1897.

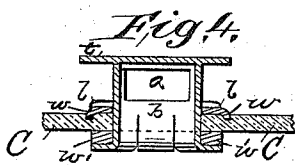
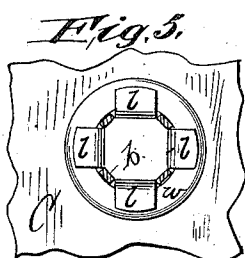
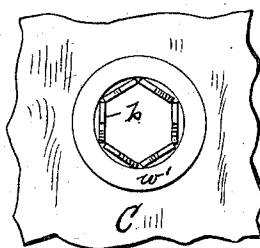
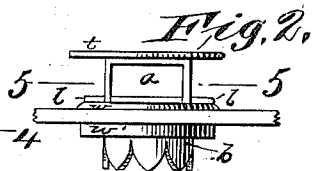
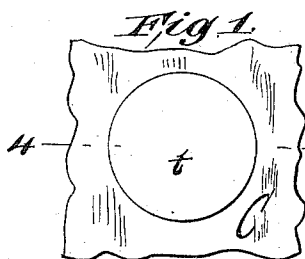


Fig. 3.

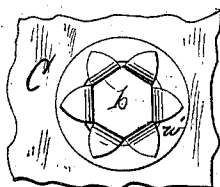


Fig. 6.

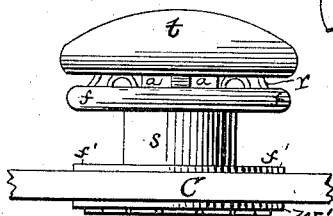


Fig. 7.

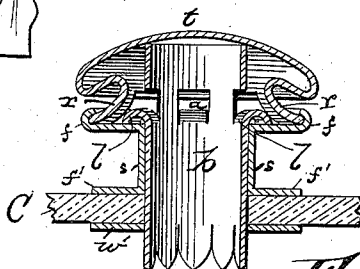
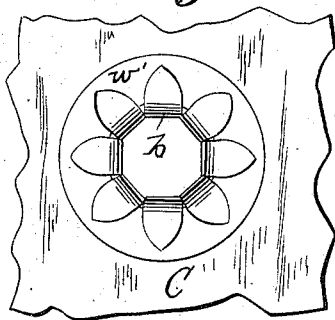


Fig. 9.

Fig. 8.



WITNESSES

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UNITED STATES PATENT OFFICE.

SHELDON CARY, OF BROOKLYN, NEW YORK.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 576,186, dated February 2, 1897.

Application filed July 6, 1896. Serial No. 598,085. (No model.)

To all whom it may concern:

Be it known that I, SHELDON CARY, a citizen of the United States of America, and a resident of Brooklyn, Kings county, New York, have invented certain new and useful Improvements in Buttons, of which the following is a specification, reference being had to the accompanying drawings, forming part of the same, in which—

Figure 1 is an upper face view of one form of button embodying my invention. Fig. 2 is a side elevation of the same, the lower edge (here scalloped) not having yet been turned back. Fig. 3 is a bottom face view of the button of Fig. 2, showing also a piece of cloth to which it is secured. Fig. 4 is a central vertical sectional view on line 4 4 of Fig. 1. Fig. 5 is a view of the button of Fig. 2 on line 5 5 of that figure. Fig. 6 is an under face view of the button of Fig. 2. Fig. 7 is a side elevation of a modified form of button. Fig. 8 is an under face view of the same, and Fig. 9 is a central vertical sectional view of the said button of Fig. 7.

The invention relates to buttons intended to act as air-passages; and it consists in a button so constructed that it will permit the passage of air from within the garment to which it is secured to the outer side of said garment and yet will not expose the undergarment to view through the air-passage.

Skirts, and bicycle-skirts in particular, are very likely to have air get under them and (because it cannot readily escape) raise the skirt in balloon fashion to an extent that is quite undesirable, but if said skirt is provided with a series of my buttons the air would escape through them and the skirt would remain in the desired arrangement, and the undergarments and the limbs would be fully protected from view.

The button of Fig. 1 consists of a body part *b*, which is a hollow tube split into tangs or scalloped and slit at the bottom and having apertures *a* cut in its sides and a top *t* covering it. The material forced out of the body to leave the aperture *a* I utilize to form lugs *l*, by which the upper washer *w*, or the cloth without the washer, may be held in place. In applying this button, having made the body and top, slit the bottom, and turned out the lugs, I preferably put a washer *w* over

the body, then insert the body in a hole in the cloth *C*, place another washer *w'* on the body, and then turn the lower ends over on the washer *w'*, as seen in Fig. 5 or 6. This construction gives a very simple and satisfactory button so far as ventilating is concerned, but the part of the cloth holding the buttonhole is liable to ride up and partially close the aperture *a*, and to prevent that I have devised another form, as shown in Figs. 7, 8, and 9. In this form I make the body part substantially the same as in the other form, but a little longer. Over this I slide a flanged sleeve *s*, the upper flange *f* bearing against the lugs *l* and the lower flange *f'* acting as a washer to hold the button in place in the goods, in conjunction with the washer *w'*. The top rests upon the upper end of the body-tube *b* and is provided with ribs *r*, the lower ends of which are secured in place by curling the outer edge of flange *f* over upon them. This form leaves an opening for the escape of air between flange *f* and the top *t* and a better, because smoother, bearing for the cloth of the button-hole between flange *f* and *f'*.

I do not intend to limit myself to a button made exactly as the ones shown, as many variations will readily present themselves to the mind of a skilful mechanic acquainted with the art. The main thought is, as above stated, a button which ventilates but does not expose, and the one I have shown will do this and readily adapts itself to any form of top desired.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A button provided with means substantially as set forth for securing it to the goods on which it is to be used, an opening leading through from a point on one side of the intended inner line of the goods to a point on the opposite side of the intended outer line of the goods, a top located over and covering said opening and a passage between said top and the said intended outer line of the goods, all substantially as set forth.

2. A button composed of a hollow body portion, means for securing it to a fabric substantially as set forth, a shank extending above the intended line of the outer side of the fabric, a top covering the hollow of the

body and apertures in said shank above the said intended line of the fabric and below said top, opening from the hollow body into the outer air, all substantially as set forth.

5 3. A button composed of a hollow tube, a flange-washer near the bottom, a second washer above the first, lugs above the second washer, apertures in the body above the second washer and a top covering the tube, all
10 substantially as set forth.

4. A button composed of a hollow body, means for securing it to the fabric, substantially as set forth, a shank extending above the intended line of the outer side of the fab-

ric, apertures in said shank above said line, 15 a flange or lip between the said line and the upper extremity of the apertures and a top covering the tube but not closing the apertures, all substantially as set forth.

In testimony that I claim the foregoing as 20 my invention I have signed my name, in presence of two witnesses, this 3d day of July, 1896.

SHELDON CARY.

Witnesses:

A. G. N. VERMILYA,
C. L. WRIGHT.