

R. E. BROOKES.
Dress-Buttons.

No. 220,697.

Patented Oct. 21, 1879.

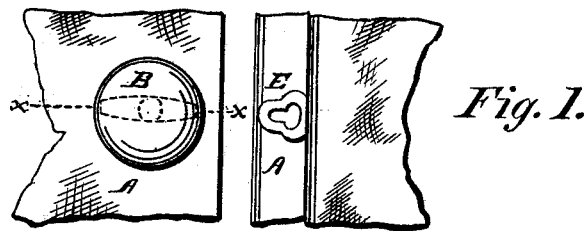


Fig. 1.

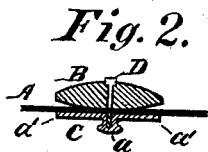


Fig. 2.



Fig. 3.



Fig. 4.



Fig. 5.

WITNESSES:

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UNITED STATES PATENT OFFICE.

ROSE E. BROOKES, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN DRESS-BUTTONS.

Specification forming part of Letters Patent No. **220,697**, dated October 21, 1879; application filed March 22, 1879.

To all whom it may concern:

Be it known that I, ROSE EMMA BROOKES, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Dress-Buttons, of which the following, in connection with the accompanying drawings, is a specification.

In the drawings, Figure 1 is a front view of a dress-button or fastening embodying my invention; Fig. 2, a section in the plane of the line *x x*; Fig. 3, a bottom view of the laterally-extended removable shank; Fig. 4, a representation of the removable screw for connecting the shank to the head of the button; and Fig. 5, a face view of the eye for receiving the head of the shank.

Like letters of reference indicate like parts.

A A represent portions of the goods to which the buttons are applied. B is the head of the button, which has a central opening from face to face, as shown in Fig. 2. C is the shank of the button. This shank is made separately from the head B, is headed on its lower end, as indicated at *a*, and has the long lateral extensions *a' a'*, each about equal in length to the radius of the head B.

D is a headed screw-pin adapted to enter and to be suspended in the central opening of the head B. The lower or threaded part of the pin D is long enough to pass through the goods and enter a female screw in the central part of the upper or inner face of the shank C, as indicated in Fig. 2.

E is the eye to receive the head of the shank C. This eye has a central opening, *e*, to receive the head *a*, and the opening *e* opens into a narrower or contracted opening, *e'*, large enough to receive the neck of the shank C, but not the head *a*, as indicated in Figs. 1 and 2.

In order to apply these buttons to the goods, the head B is arranged outside and near one edge of the goods, as indicated in Fig. 1. The shank C is arranged on the inner or under face of the goods, and so as to receive the screw or pin D when the latter is passed through the head B. The screw should then be screwed into the shank, and the shank left at right angles to the edge of the goods, as is clearly shown in Fig. 2, the head B and the shank being thus firmly fastened to the goods.

The eye E is fastened to the other edge of the goods, and arranged with the contracted part of the opening toward the button and directly opposite its shank, as indicated in Fig. 1.

To admit of the eye E being attached to the goods with facility, I deem it best to make in the eye one or more openings, *e'' e''*, large enough to admit a needle, so that the fastening may be done by sewing; but the openings *e'' e''* are not absolutely essential.

To button the goods together, it is only necessary to draw them together and pass the head *a* through the opening *e*, and then release the goods, when the neck of the shank C will pass into the opening *e'*, and the head *a* be prevented from being withdrawn until it is pushed back to the opening *e*, which may be done in order to unbutton the goods, it being understood that the goods, when on the wearer, will be drawn apart sufficiently to draw the neck of the shank into the opening *e'*, and that they may be drawn together sufficiently at any time to be unbuttoned.

The head B may be covered in any suitable manner.

I am aware that buttons have heretofore been made with removable headed shanks, and that the latter have been passed through the goods from one side into a head on the other. I am also aware that the shank has heretofore been made in two parts, so as to make a self-fastening button; but in none of these cases, so far as I am aware, have the shanks had the laterally-extending wings *a' a'*, and consequently the edge of the goods to which these buttons were applied would not be held closely to the heads of the buttons, excepting at or near the necks of the shanks.

As I use, by preference, a very slender screw, it is unnecessary to make button-holes in the goods even for receiving the shank. An opening for that purpose may be made either by the screw itself or by an ordinary eyelet-punch.

In using ordinary hooks and eyes, the edge of the goods is liable to be drawn up or to be prevented from lying down smoothly.

I am aware that self-fastening buttons have heretofore been made with a view of avoiding some of the objectionable features resulting

from the use of hooks and eyes, and for preventing the injury to goods resulting from the practice of making button-holes for receiving the heads of the buttons, and I do not here intend to claim such broadly; but,

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

A button or fastening consisting of the head B and of the removable shank C, headed on its lower end, and provided with the lateral

extensions or wings *a' a'*, and of a shank-fastener, forming a neck between the head or body B and the extensions *a' a'*, all adapted for arrangement together and for co-operation with an eye for receiving and engaging the head of the shank removably, substantially as and for the purposes specified.

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Witnesses:

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