(No Model.)

N. F. PALMER.

BUTTON.

No. 327,102. Patented Sept. 29, 1885.

FIG. 1.

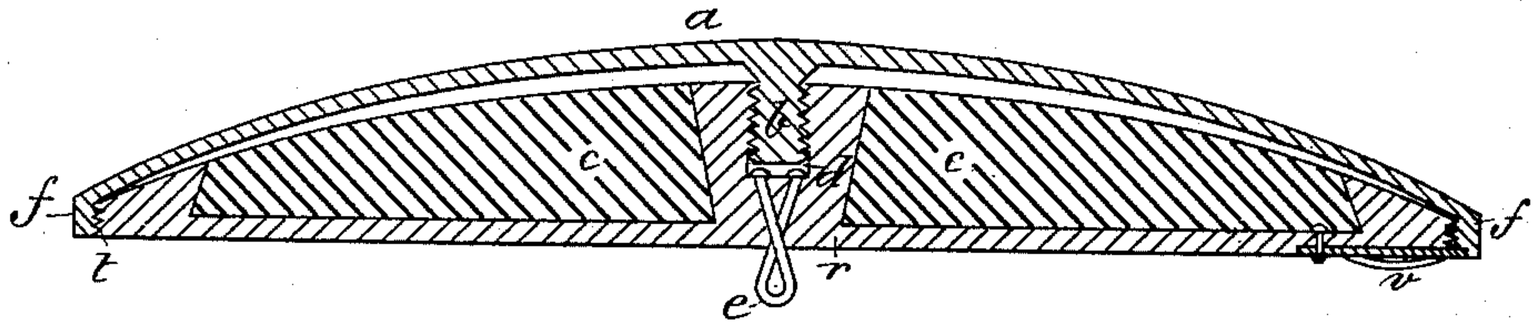


FIG. 2.

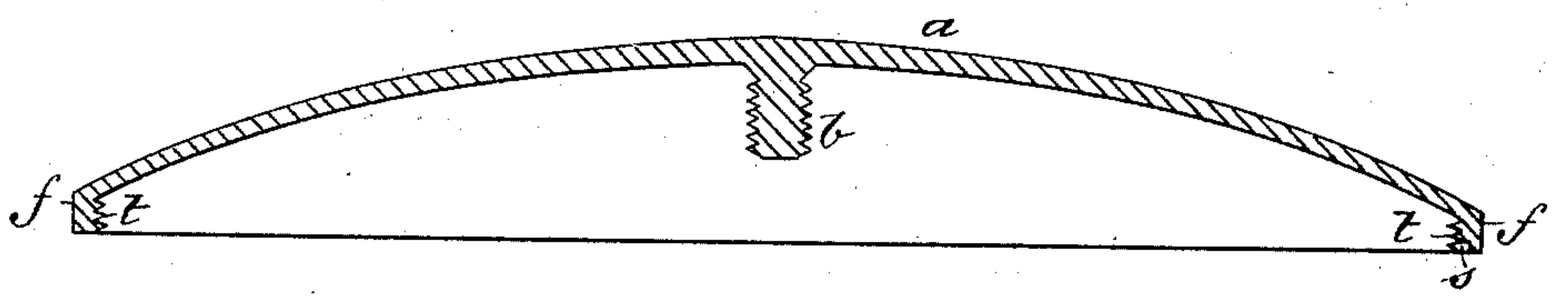


FIG. 3.

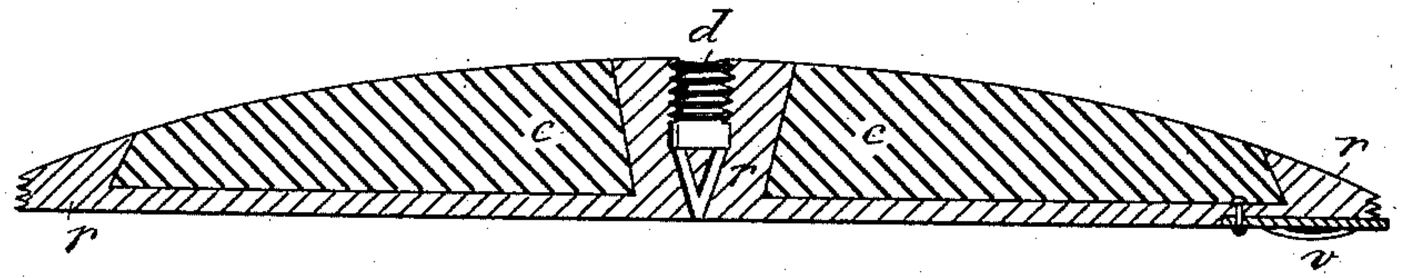


FIG. 4.

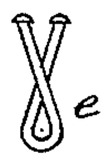
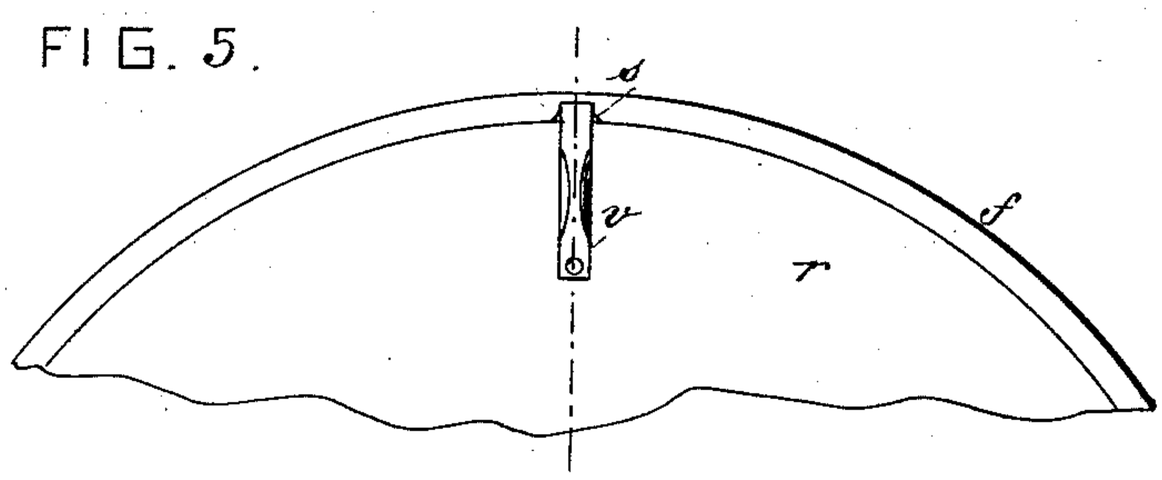


FIG. 5.



WITNESSES

W. F. Lowe

Robt. F. Roy.

INVENTOR

Noyes F. Palmer

by his attorneys

Roeder & Briesen

UNITED STATES PATENT OFFICE.

NOYES F. PALMER, OF JAMAICA, NEW YORK.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 327,102, dated September 29, 1885.

Application filed July 9, 1885. (No model.)

To all whom it may concern:

Be it known that I, NOYES F. PALMER, of the town of Jamaica, in the county of Queens and State of New York, have invented a new and useful Improvement in Buttons, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to render a button of double usefulness without removing the same from the garment.

In the accompanying drawings, Figure 1 shows a sectional view of the whole button, with parts *a*, *b*, *f*, *c*, *d*, *e*, *r*, *t*, and *v*. Fig. 2 represents the movable cap *a*, *b*, *f*, *t*, and *s*. Fig. 3 illustrates the inner or stationary button, *e*, *d*, *r*, and *v*. Fig. 4 represents the eyelet or eyelets *e*. Fig. 5 illustrates the spring-catch *v*, with slot *s* to hold parts to gether securely.

The whole button, Fig. 1, is attached to the garment by ordinary sewing or metal fastening, as desired.

In Fig. 2 *a* represents the cap having such concave, convex, or plane surface and adornment with characters or designs as required for use, and attached to said cap *a* is the center pin, *b*, having screw-threads or not, as required, to attach to or run into cavity *d*, Fig. 3. Said cap *a* at the outer edge has a flange, *f*, running around the periphery of said cap *a*, and having on the inner edge a screw-thread at *t*, fitting into thread *r*, Fig. 3, and slot *s* for catch *v*, Figs. 3 and 5. Said cap *a* is removed by unscrewing it from the button, and is replaced thereon by placing the pieces together so that pin *b*, Fig. 2, will meet *d*, Fig. 3, before the other parts at *t* come in contact, thus affording a true position for the parts coming together. The parts *a*, *b*, *f*, *t*, and *s* are constructed of metal or some such suitable material, in whole or in part.

In Fig. 3 *r r r r* show the body of the inner button, having at the outer circumference the screw-thread *t*, and at *d* the center cavity with or without screw-threads, said cavity *d* having one or more holes for eyelet *e*, Fig. 4, or for thread, and *c c* represent the filling to parts *r r r r;* and on part *r*, at *v*, is attached the spring-catch on the inner side at the outer edge, operating into the slot *s*, Figs. 2 and 5. Said parts (shown in Fig. 3) have such shape, concave, convex, or plane surface, with characters and adornments, as required for use, and are constructed, in whole or in part, of metal, rubber, bone, ivory, or some such suitable material.

In Fig. 4 *e* illustrates the eyelet or eyelets, to fit either into one or more holes in cavity *d*, Fig. 3.

In Fig. 5 is shown a back view of a section of the button, with the inner button, *r*, the flange *f* of the outer button, and said flange *f* having at *s* a slot or slots to allow the spring-catch *v* to hold the parts together.

I claim as my invention—

A button having a screw-threaded periphery, a central cavity or bore, and a spring-catch on its inner face, in combination with a cap or cover having a central pin or stud, and an interiorly-screw-threaded annular flange, the latter provided with a recess to receive the spring-catch, substantially as described.

NOYES F. PALMER.

Witnesses:
WM. T. BRUSH,
GEORGE L. LEEP.