

S. GOGEL & M. BERNSTEIN.
 BUTTON.
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1,027,473.

Patented May 28, 1912.

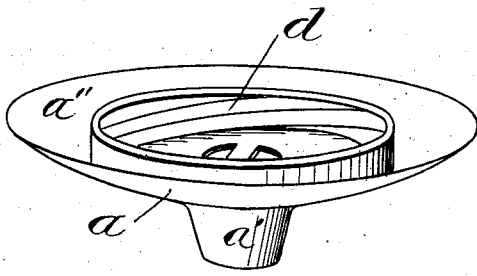


Fig. 4.

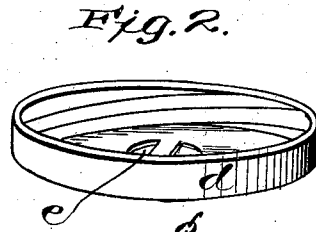


Fig. 2.

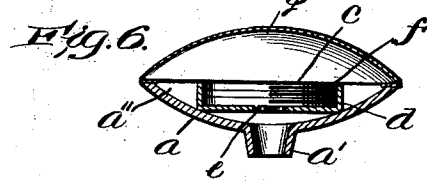


Fig. 6.

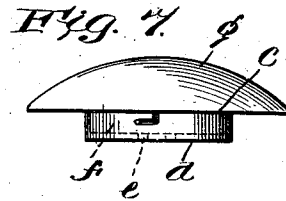


Fig. 7.

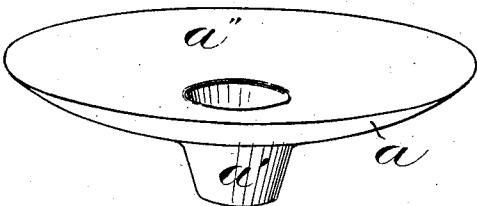


Fig. 1.

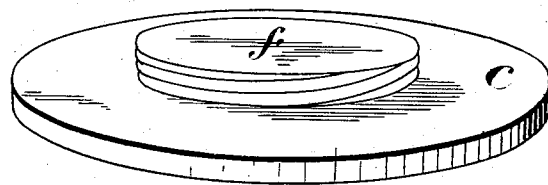


Fig. 3.

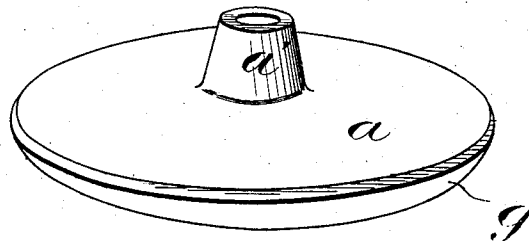


Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

SOL GOGEL AND MAXVILLE BERNSTEIN, OF TORONTO, ONTARIO, CANADA; SAID GOGEL
ASSIGNOR TO SAID BERNSTEIN.

BUTTON.

1,027,473.

Specification of Letters Patent.

Patented May 28, 1912.

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To all whom it may concern:

Be it known that we, SOL GOGEL, a subject of the Emperor of Germany, and MAXVILLE BERNSTEIN, a British subject, both residing in the city of Toronto, in the county of York and Province of Ontario, Canada, have invented certain new and useful Improvements in Buttons; and we hereby declare that the following is a full, clear, and exact description of the same.

Our invention relates to an improved button comprising a shank member having a hollow stem with a concave button seat adapted to receive the button back, as well as a coupling member to which said back may be readily attached. The said coupling member is provided with a perforation and a bar portion registering with the hollow stem portion of the shank, and enabling the said coupling member to be sewed to the cloth through the hollow stem portion of the shank. Further, the back portion of the button is provided with a projecting member adapted to fit into and to be locked with the said coupling member after the latter is sewed to the cloth, all as will be more fully hereinafter disclosed.

In order that the invention may be better understood, reference is had to the following description taken in connection with the accompanying drawings forming a part of this specification, in which—

Figure 1 is a perspective view of the shank portion of the button with the coupling member removed; Fig. 2 is a perspective view of the coupling member which is adapted to fit into the concave shank member shown in Fig. 1; Fig. 3 is a perspective view of the button back adapted to fit over the shank portion of the button and provided with a projecting coupling member adapted to fit into the hollow coupling member illustrated in Fig. 2; Fig. 4 is a perspective view showing the shank member and its hollow coupling member in place ready to be sewed to the cloth before the button back shown in Fig. 3, is attached thereto; Fig. 5 is an inverted perspective view of the completed button, showing the parts illustrated in Figs. 3 and 4 when secured together; Fig. 6 is a sectional view on a reduced scale of the completed button when assembled; and, Fig. 7 is a sectional view of the button back and coupling mem-

ber provided with an interlocking means involving a bayonet slot.

Like characters designate like parts in all the views.

The button shank member *a*, best illustrated in Figs. 1 and 4, comprises a hollow stem *a'* through which the sewing threads may pass, and is also provided with the hollow concave button seat *a''* adapted to receive the hollow coupling member *d*, shown in Fig. 2, and to have the perforation *e* of the latter register with the hollow of the stem *a'*, as best illustrated in Fig. 4.

When the holes or perforations *e* of the coupling member *d* are properly alined with the bore of the stem *a'*, as illustrated, the said coupling member *d* together with the shank member *a* is firmly sewed to the cloth by passing threads through the holes *e* over the bar portion, separating said holes, as will be readily understood. After the hollow stem portion *a* has been correctly positioned on the material, the coupling member *d* centrally placed on the button seat *a''* and the threads passed through the holes *e* and the cloth a sufficient number of times to cause the shank member *a* and the hollow coupling member *d* to be securely attached to the garment, the button back *c* provided with the projecting attaching member *f*, is then brought into position, and the said attaching or coupling member *f* is fitted into the hollow coupling member *d* and secured in place, as by the male and female threads illustrated. The button back *c* is preferably convex on its under side, so that it fits the hollow portion of the concave button seat *a''*, which is occupied by the hollow coupling member *d*. The button back *c* may be provided with any style of button face *g*, and by this means of attaching the buttons to the garments, the button faces may therefore be quickly changed without having to re sew the shanks to the material. In other words, cloth, bone, metal, and other buttons, may be inter-changed and used on the same shanks. By the use of shanks of this description, we are able to attach buttons to the garments so that they are uniformly spaced from the material, and by means of the hollow stems, we are able to protect the button holes from wearing on the threads that attach the buttons, and at the same time, we also prevent

the button threads from wearing on the button holes.

It is obvious that those skilled in the art may vary the details of construction as well as the arrangement of parts without departing from the spirit of our invention. In other words, the inter-locking character of the coupling members *d* and *f* may be changed within the scope of the appended claims, for example, as by providing a bayonet joint or other well known form of inter-locking means between the said coupling members as indicated in Fig. 7. We, therefore, do not wish to be limited to the above disclosure, except as may be required by the claims.

What we claim is:—

1. In a button, the combination of a shank member provided with an integral hollow stem portion and a concave button seat; a coupling member provided with a perforation adapted to register with the bore of said hollow stem and with means by which said member may be secured to the cloth through said stem; and a button back provided with a face portion adapted to

fit said concave button seat, and having a projecting portion adapted to inter-lock with said coupling member, substantially as described.

2. In a button, the combination of a shank member comprising an integral hollow stem portion through which threads may pass and a concave button seat; a hollow cup-shaped coupling member adapted to rest on said button seat and having a locking member, also said coupling member provided with a perforated bottom by means of which it may be secured to the cloth through said hollow stem portion; and a button back adapted to fit said button seat and having a projecting portion provided with locking means adapted to engage said locking member with which said coupling member is provided, substantially as described.

Toronto, February 27th, 1911.

SOL GOGEL.

MAXVILLE BERNSTEIN.

Signed in the presence of—

OLIVE BATEMAN,

CHAS. H. RICHES.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."