

S. Krom.
Button.

No. 28,587.

Patented June 5, 1860.

Fig. 1.

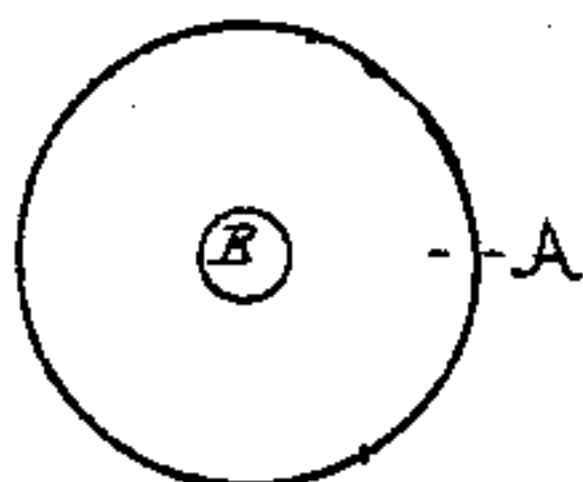


Fig. 2.

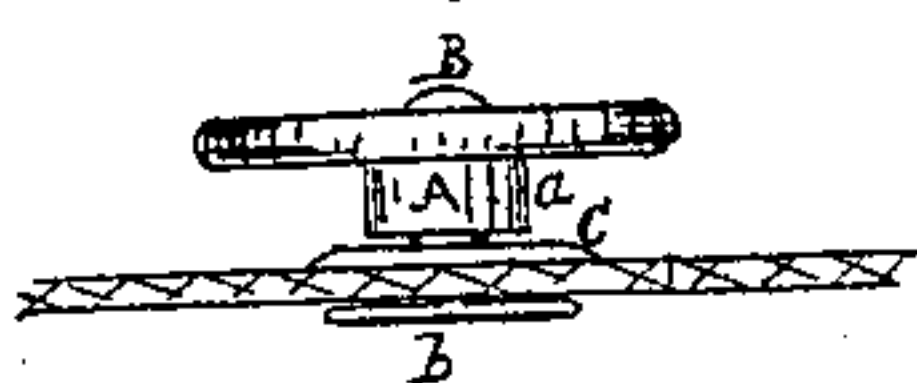
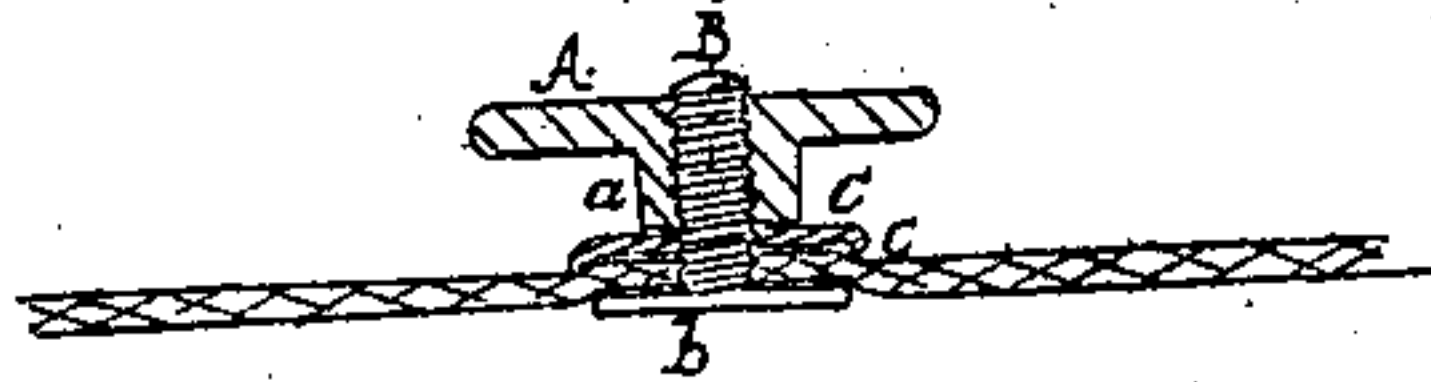


Fig. 3.



Witnesses:

Charles Hughes
Wm. Thompson

Inventor:

Stephen Krom

UNITED STATES PATENT OFFICE.

STEPHEN KROM, OF NEW YORK, N. Y.

BUTTON.

Specification of Letters Patent No. 28,587, dated June 5, 1860.

To all whom it may concern:

Be it known that I, STEPHEN KROM, of the city, county, and State of New York, have invented a new and useful Improvement in Buttons; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 represents a plan or top view of my invention. Fig. 2 is a side elevation of the same. Fig. 3 is a vertical central section of the same.

Similar letters of reference in the three figures indicate corresponding parts.

This invention relates to an improvement in that class of buttons which are secured to the cloth or other material by means of a screw and it consists in the employment of a flanged washer in combination with a flat headed screw and a button shaped nut so that in securing this button on the screw the cloth or other fabric is firmly retained between the head of the screw and between the washer and that by reason of the flange on the under side of said washer the cloth or other fabric is clamped at a certain distance from the hole through which the screw passes, giving to the button a firm hold, and allowing the head of the screw to sink in slightly nearly to a level with the inside surface of the fabric and at the same time preventing injury to the cloth or other fabric from turning the button around in securing it down.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and application with reference to the drawing.

The bottom A, instead of being made in the usual form, is provided with a boss or hub *a*, on its under side and its edge is made rough and rounded so as to present a good hold to the fingers in turning the button in or out. This button forms the nut for a screw B, with a flat thin round head, *b*, and placed between this head and the hub *a*, of the button is the washer C. This washer is provided on its under side with a small projecting flange or rim *c*, and it is made a little larger than the head of the screw allowing the latter to sink into the recess

formed inside the flange *c*, as clearly shown in Fig. 3.

When this button is to be attached to a piece of cloth or other fabric a small hole is punched through said fabric just large enough to admit the screw B, and the latter is put in drawing the head close up to the inner surface of the cloth. The washer C, is now put on and the button is secured down as tight as possible. The head *b*, of the screw together with the cloth is thereby drawn up into the recess formed inside the flange *c*, on the under side of the washer, so that the under side of the cloth presents an even and nearly unbroken surface as clearly shown in Fig. 3. This feature of my invention renders it of peculiar advantage, for if the head of the screw projects on the inner side of the cloth or other garment such a button is unfit to be used for a garment, as it proves injurious to the skin of the wearer of such a garment. With my button the evenness of the inner surface is preserved and at the same time by grasping the cloth or other fabric at a certain distance from the hole, through which the screw passes, the washer affords a good hold on the cloth.

This button can be made very cheap, all its parts being cast of iron or brass and it can be attached in an instant, saving all the time usually spent in sewing on buttons, such buttons may also be made with great advantage from gutta percha when all the parts can be formed in molds rendering the whole very light and cheap.

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

The employment of a flanged washer C, in combination with a flat headed screw B, and button A, substantially as described so that the head of the screw by being drawn into the recess formed on the under side of the washer, preserves the evenness of the inner surface of the cloth or other fabric to which the button is attached, affording at the same time a good hold on the cloth.

STEPHEN KROM.

Witnesses:

CHARLES HUGHES,
WILLIAM THOMPSON.