No. 680,121. Patented Aug. 6, 1901.

J. D. BURNS.

BUTTON.

(Application filed Dec. 14, 1900.)

(No Model.)

Fig. 1.

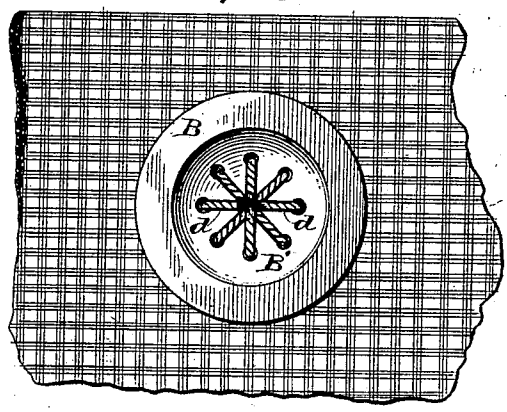


Fig. 2.

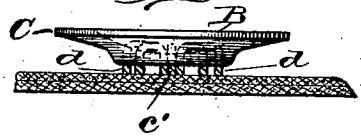
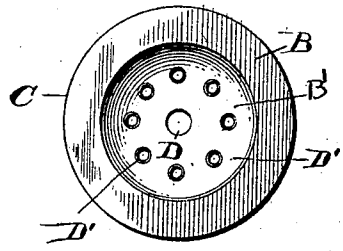


Fig. 3.



Witnesses:
J. M. Fowler Jr
B. F. Dall

Inventor:
Jermiah D. Burns
by Joseph W. Auld
his Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JEREMIAH D. BURNS, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR OF ONE-HALF TO CHARLES G. QUAST, OF BALTIMORE, MARYLAND.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 680,121, dated August 6, 1901.

Application filed December 14, 1900. Serial No. 39,906. (No model.)

To all whom it may concern:

Be it known that I, JEREMIAH D. BURNS, a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Buttons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in buttons, and especially to that class of buttons which are made from a single piece of material and pierced with holes through which sewing-thread may be passed for attaching the button upon one surface of a garment. Heretofore the thread-holes in such buttons have been so arranged relatively and in proximity to each other that the thread used to obtain a fastening has been stitched in a manner from one to the other to ride across or extend between the respective holes either in intersecting or overlapping cross-bar stitches, thereby rendering it difficult to perceive at a glance whether or not the proper number of stitches have been taken to securely fasten said button to the garment.

The object of my invention is to overcome this and to provide an improved mode and means of fastening; and to this end my invention consists in an article of manufacture of a button provided with a central or focal hole and a series of oppositely-arranged holes that are either regularly or irregularly placed, whereby the thread-strands employed in sewing the button to the garment are arranged to proceed in separation to said central or focal hole—*i. e.*, to converge toward or diverge from said focal hole in a manner to hold the strands in separation and to provide at their junction in said central hole a nucleus or cable of thread material that anchors the button to the cloth material of the garment at that point.

In the accompanying drawings, Figure 1 represents a top plan view of a button, showing it applied, while Fig. 2 is a view in side elevation. Fig. 3 shows the button unattached in plan view.

Like letters of reference indicate like parts in the several figures.

Referring to the figures by reference-letter, B represents the body of the button, which is shown as being made of one piece that is struck up from metal or turned or cut from other material to the particular pattern required, which in this instance is shown as preferably having a depressed concaved central portion B′ and an annular rim C.

The button is shown as being pierced within its central portion by a number of holes, which are arranged as follows:

D represents a central focal or gathering hole, while D′ indicates a series of corresponding but smaller holes that are arranged opposite or about the central hole either regularly or irregularly and which are preferably of a size to accommodate a single thread and equal collectively or in aggregate the area of the focal or central hole D. Sewing-thread may be passed by the needle first through one of said smaller holes and from thence through the central hole or opening in order to obtain one fastening-stitch *d*, and so on successive stitches may be taken, respectively, from each of the smaller holes to the central hole until every hole of the smaller series has been penetrated by a fastening-thread, thereby forming a series of separated strands or stitches that terminate in one central cable *c*′, as shown.

Having described my invention, what I desire to claim as new and useful is—

1. A button having securing-openings therein that comprise a central or focal hole, and a plurality of oppositely-arranged holes, substantially as described.

2. A button having securing-openings that comprise one focal opening and a group of concentrically-arranged holes or securing means.

In testimony whereof I affix my signature in presence of two witnesses.

JEREMIAH D. BURNS.

Witnesses:
C. A. NEALE,
B. TINGE.