(No Model.)

F. A. SMITH, Jr.

METALLIC FASTENING.

No. 269,891 Patented Jan. 2, 1883.

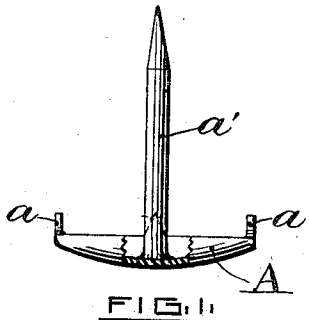


FIG. 1.

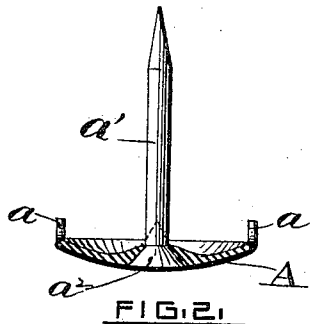


FIG. 2.

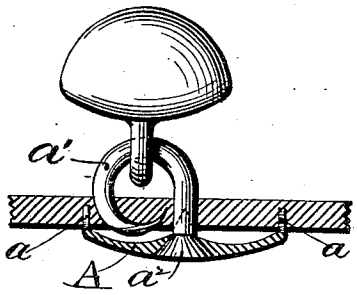


FIG. 4.

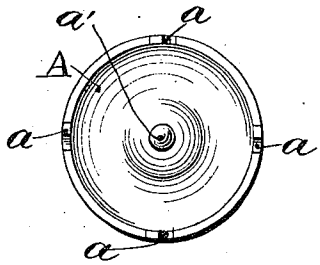


FIG. 3.

WITNESSES.

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UNITED STATES PATENT OFFICE.

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METALLIC FASTENING.

SPECIFICATION forming part of Letters Patent No. 269,891, dated January 2, 1883.

Application filed October 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN A. SMITH, Jr., a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Metallic Fasteners; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to an improved metallic fastener, which is used for securing buttons, &c., to fabrics or other flexible material; and it consists essentially of a concave retaining base or disk, having spurs formed on the edge thereof, in connection with a projecting round stem or prong attached or formed upon the concave side of said disk.

In the accompanying drawings, made enlarged, Figure 1 represents a vertical elevation of my invention, having a portion of the base or disk broken away, showing the stem formed upon the base. Fig. 2 is a vertical central section, showing a modification of my invention. Fig. 3 is a plan view of Fig. 1. Fig. 4 represents my improvement as attached to the fabric, with button complete.

Referring again to the drawings, A represents the retaining base or disk of my improved fastener, which is preferably made of sheet metal, and having a concavo-convex form. Said disk is provided with one or more light points or spurs, *a*, formed on its upper or concave edge, which serves to prevent the fastener from turning on its axis when pressed into the fabric. The disk itself also presents a large area to the surface to which it is attached. Upon the inner or concave side of the disk A is secured or formed thereon a round projecting prong or stem, *a'*, terminating in a sharpened point at its outer end. The object of the sharpened end is to readily penetrate the fabric. When used in connection with a button, as shown in Fig. 4, the stem *a'*, after bending, presents a smooth surface to the eye of the button and allows a much greater degree of freedom for the same. With my improved fastener I obviate the necessity of placing it into the setting-instrument in any particular position with reference to the prong *a'* or points, as is common with other fasteners now in use.

In Fig. 2, which shows a modification of my improved fastener, the pointed stem *a'* is made separate from the base A, the latter being countersunk from the outer or convex side to receive said stem, which has a head formed thereon. Said head fits the enlarged hole of the base and serves to prevent the stem from being drawn through the hole. By inserting the cylindrical portion of the stem through the base the two parts coact to form my improved fastener.

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

As an improved article of manufacture, the metallic fastener herein described, consisting of a plate or base, A, having a concavo-convex form, and provided with spurs *a* upon its inner or concave edge, said base being further provided upon its concave side with a projecting round stud or prong, *a'*, having a sharpened point, the whole arranged and operated substantially as shown, and for the purpose described.

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

F. A. SMITH, JR.

Witnesses:
GEO. H. REMINGTON,
CHARLES HANNIGAN.