No. 658,000. Patented Sept. 18, 1900.

J. A. YOUNG.

UPHOLSTERER'S BUTTON.

(Application filed Mar. 6, 1899.)

(No Model.)

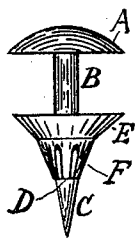


FIG. 1.

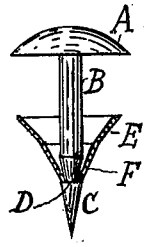


FIG. 2.



FIG. 3.

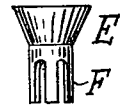


FIG. 4.

FIG. 5.

WITNESSES:

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

UNITED STATES PATENT OFFICE.

JAMES A. YOUNG, OF ST. PAUL, MINNESOTA, ASSIGNOR OF ONE-HALF TO FRED HOWARD, OF SAME PLACE.

UPHOLSTERER'S BUTTON.

SPECIFICATION forming part of Letters Patent No. 658,000, dated September 18, 1900.

Application filed March 6, 1899. Serial No. 707,886. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. YOUNG, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Upholsterers' Buttons; and I do 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 the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in upholsterers' buttons; and the object of the invention is to provide a cheap, durable, and easily-attached separable button for upholstery. To attain this object, I make the button in two sections, one of which consists of a button-like plate with a sharp-pointed central shank adapted to be forced through the cloth or canvas of the upholstery and which may be called the "primary" section. The other section consists, mainly, of a funnel having its small end slitted into spring arms or tongues adapted to engage in a recess in the shank of the main section. This funnel may be termed the "secondary" section.

In the accompanying drawings, Figure 1 is a side view of my complete button. Fig. 2 is the same as Fig. 1, only that the funnel is shown in diametrical section. Fig. 3 is a side view of a blank from which the funnel-shaped section is formed. Fig. 4 is the funnel shown in Fig. 3 finished. Fig. 5 is the funnel shown in Fig. 4 modified by flaring the same more. In this view is also shown a tool by which the sections may be secured together. The socket I of the tool is in diametrical section.

Referring to the drawings by letters of reference, A is the button proper and may be covered with any kind of cloth, leather, or other material (not shown) and may be of any shape or size desired, suiting taste and style. From the center of this button-head A and preferably riveted therein extends the long round shank B, the point of which is reduced to a sharp prong C, adapted to penetrate the cloth and canvas of any description and enter the secondary section at the opposite or inner side of the upholstery, where there is always plenty of room for it inside the framework of the furniture. Near the point or prong C the shank is provided with an annular groove D, which is deepest near the point of the shank and forms there an angular shoulder, from which the groove gets more and more shallow toward the head A. The secondary section E is more or less funnel-shaped, with the small end formed into arms F, the ends of which engage the shoulder D of the shank, as shown, Such engagement is entirely self-acting when the arms E are made of spring metal; but for a cheaper grade of the article the funnel and its arms may be made from soft iron or similar cheap metal, and they are preferably formed or made from tubing, as indicated by the blank in Fig. 3. The funnel may be drawn or formed either before or after the arms F are produced by slitting one end of the blank.

In using the button if the arms are of spring metal they will, as already stated, close into the groove by their spring force; but if the arms are soft then after the shank is forced through the upholstery and has received the funnel the arms may be closed or bent into the groove by a tool like G, which is constructed with a T-handle H and a socket I, having a flaring hole or mouth J, adapted to be pressed upon or around the arms F, and thus close them into the groove D. The joint K on said tool permits its handle to be swung into any position necessary for reaching into all places and parts of the furniture or other article to be upholstered.

From the foregoing description any upholsterer will understand that the prong is forced through the double canvas and intermediate packing or stuffing and the secondary section is then applied in any of the aforesaid manners, so that the upholstery is held between the head A and the funnel E, and if it should be desired to use the same button over again in another piece of furniture then the arms E may be spread by any suitable tool, so that the sections will separate and can be removed from the worn-out furniture.

What I claim, and desire to secure by Letters Patent, is—

1. As an improved article of manufacture, an upholsterer's button constructed in two attachable sections, one of which consists of a button-like head having a central, pointed shank with an annular recess forming an angular shoulder at the side of the groove nearest the point of the shank, the other section being made from a piece of tubing, by flaring one end of it outward like a funnel, and slitting the other end into arms adapted to be closed into the recess in the shank, substantially as and for the purpose set forth.

2. As an improved article of manufacture, an upholsterer's button constructed in two attachable sections, one of which consists of a button-like head having a sharp, pointed, central stem or shank, with an annular recess about it, the other section being made from a piece of tubing, by flaring one end of it into a funnel, and slitting the other end into inwardly-disposed spring-arms adapted to engage the recess in the shank of the first section, substantially as and for the purpose set forth.

3. The process of making an upholsterer's button, consisting in the providing of a button with a central pointed stem or shank having an annular recess about it, the cutting off of a piece of tubing, slitting one end of it into arms, F, and bending said arms slightly inward to adapt them to engage the recess in the shank; and forming the other end of the tube into a funnel, E, adapted to hold the upholstery against the head or button, substantially as and for the purpose set forth.

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

JAMES A. YOUNG.

Witnesses:
JACOB J. AXMAN,
JOSEPH J. ANDREWS.