

(No Model.)

G. H. HOWELL & J. KILEY.
UPHOLSTERER'S TOOL AND APPLIANCE.

No. 593,221

Patented Nov. 9, 1897.

Fig. 1.

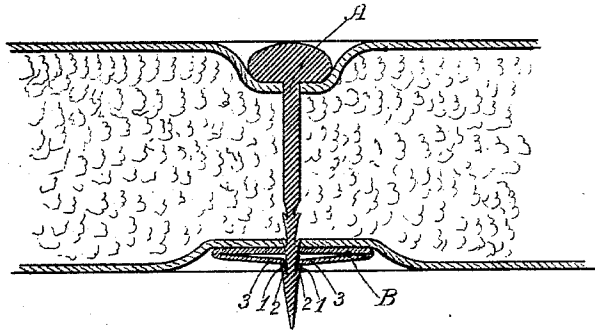


Fig. 2

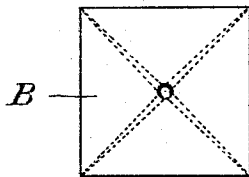


Fig. 3

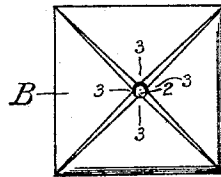


Fig. 4



Witnesses
R. H. Aronson
John F. Knecht

Inventors
Geo. H. Howell
John Kiley

By Attorney
J. Herbert Tucker

UNITED STATES PATENT OFFICE.

GEORGE H. HOWELL AND JOHN KILEY, OF SIOUX CITY, IOWA; SAID
KILEY ASSIGNOR TO SAID HOWELL.

UPHOLSTERER'S TOOL AND APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 593,221, dated November 9, 1897.

Application filed October 12, 1894. Serial No. 525,738. (No model.)

To all whom it may concern:

Be it known that we, GEORGE H. HOWELL and JOHN KILEY, citizens of the United States, residing at Sioux City, in the county of Woodbury and State of Iowa, have invented a new and useful Improvement in Upholstering-Pins, of which the following is a specification.

Our invention relates to improvements in fastening the buttons upon upholstery, in which a button with an extended shank adapted to pierce the upholstery material and provided with barbs, notches, or corrugations upon its point is used in connection with a head or keeper pierced to permit the passage of said shank and provided with a spring or elastic grip adapted to seize and retain hold upon the notches, barbs, or corrugations of the said shank.

The objects of our improvement are to provide a speedy, economical, and efficient method of fastening the buttons upon upholstery and to bind and fasten the same transversely, securing thereby the same results now obtained by sewing through and through with a needle and thread and tying. We attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view of our invention applied to an ordinary button and in place in the upholstery. Fig. 2 is a top view of the head or keeper, showing the perforation. Fig. 3 is a bottom view of the head or keeper, showing the clutching-points bent inward. Fig. 4 is a side view of the head or keeper.

Similar letters and figures refer to similar parts throughout the several views.

The button A, instead of the eye commonly used, is provided with an elongated shank which is pointed and furnished with barbs, corrugations, or notches I I. The shank may be of any length, but should be so adapted in this respect as to bring the notches I to the bottom of the upholstery material, permitting the point of the shank to protrude. The notches I slope toward the button A. The head or keeper B is provided with a perfora-

tion 2. The keeper B is made, preferably, of sheet-brass or other spring metal and may be conveniently made in the following manner: A piece of metal is stamped out star-shaped and the points 3 3 3 bent downward and inward until their points approach each other underneath the perforation 2. The points 3 3 3 coöperate with the notches, corrugations, or barbs I I in holding the head or washer in place.

It is obvious that the shank may be made round, square, flat, or any other shape.

It is evident that slight changes might be resorted to in the form and arrangement of the several parts described, and pointed out in the claims—as, for instance, a greater or less number of points 3—without departing from the spirit and scope of our invention, and hence we do not wish to limit ourselves to the exact construction herein set forth; but,

Having fully described our invention, what we now claim, and desire to secure by Letters Patent, is—

1. In appliances of the class described, the head B with the perforation 2, and its points 3, 3, 3, bent inward as shown, forming a grip or clutch substantially as above described, and for the purposes specified.

2. In appliances of the class described, the head B with perforation 2, and one or more points 3, bent inward as shown, forming a grip or clutch as above described, and for the purposes specified.

3. In appliances of the class described, the combination with a pin having an elongated shank provided with notches, barbs or corrugations, of the head B with its perforation 2 and one or more points, 3, bent inward as shown forming a grip or clutch substantially as above described, and for the purposes specified.

GEORGE H. HOWELL.
JOHN KILEY.

Witnesses:

S. M. CORNELL,
J. H. QUICK.