

No. 617,988.

Patented Jan. 17, 1899.

W. J. KELLY.
UPHOLSTERY PIN.
(Application filed Aug. 1, 1898.)

(No Model.)

Fig. 1

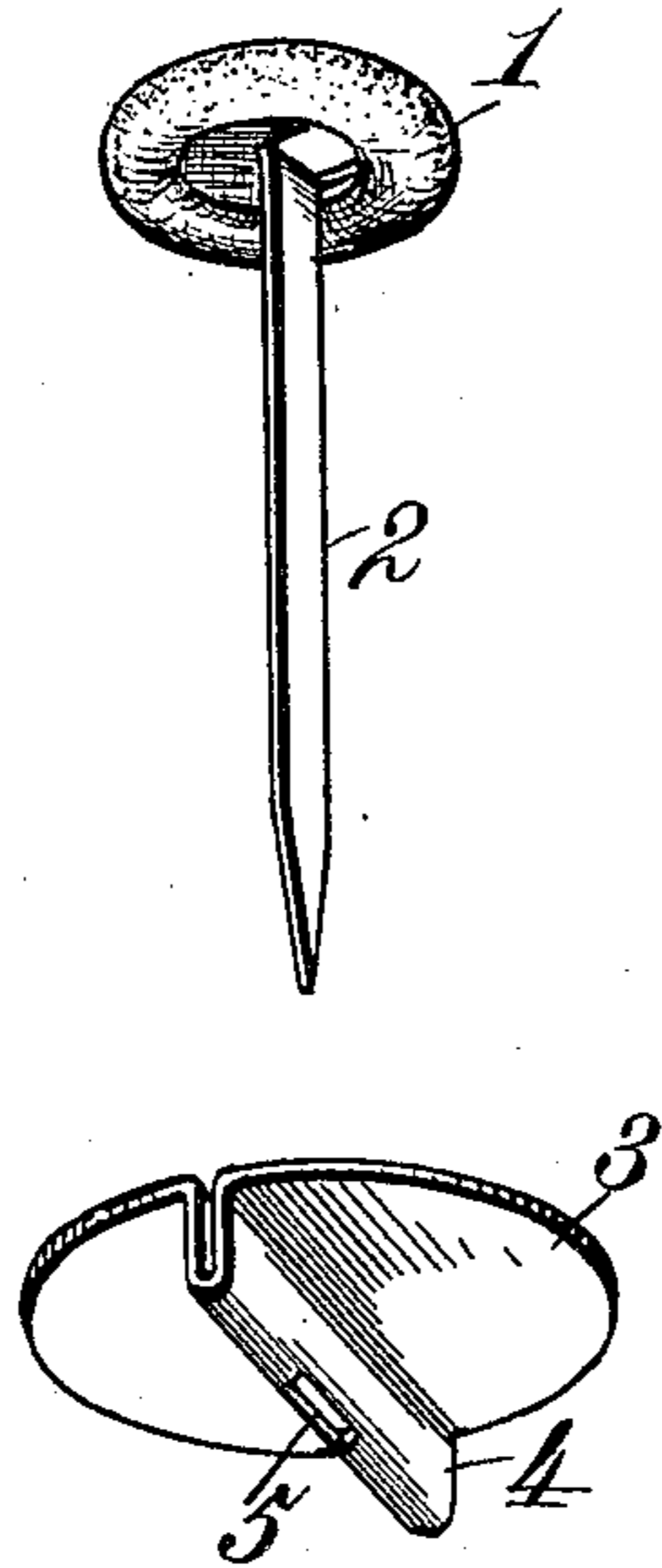
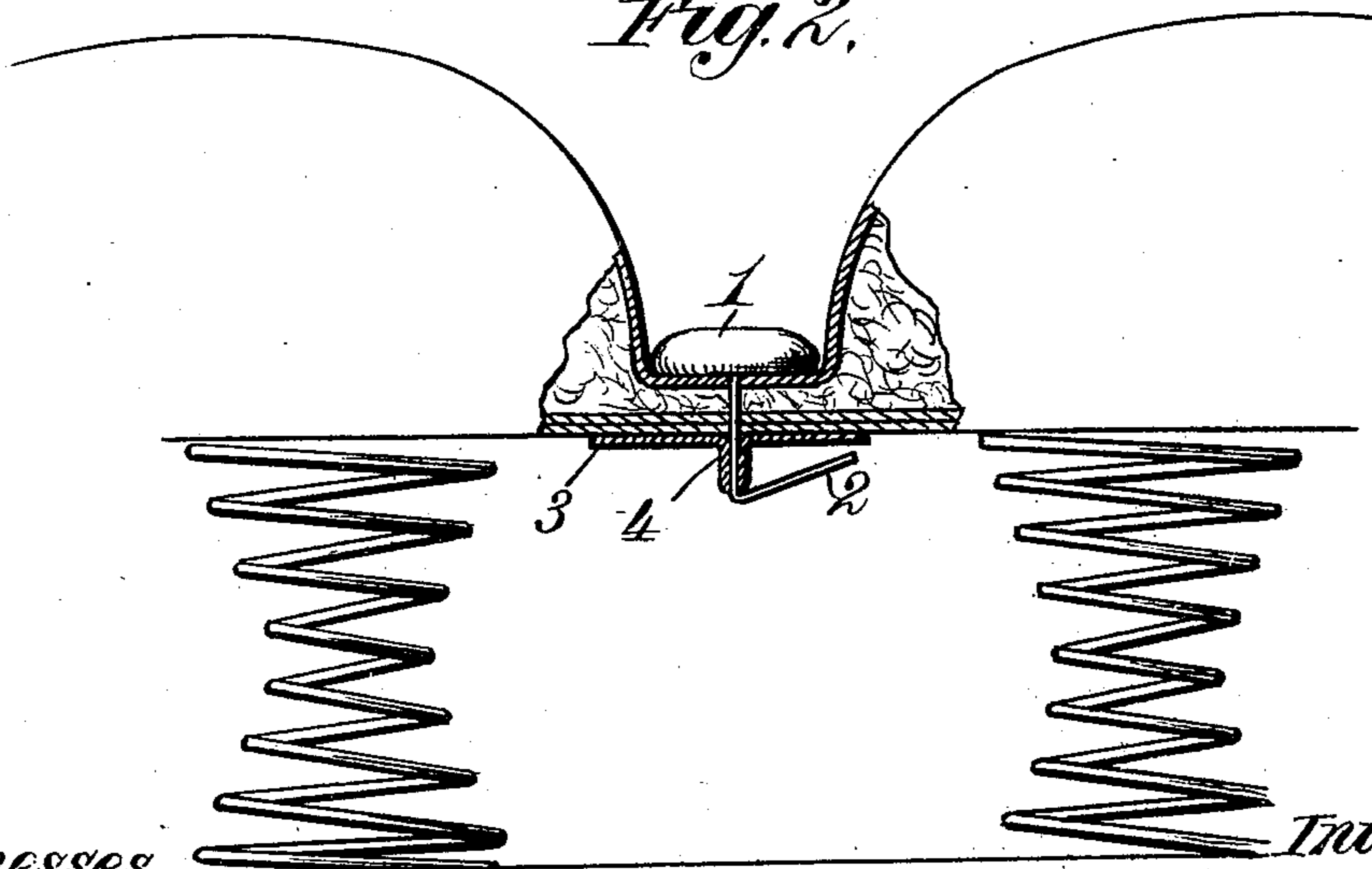


Fig. 2.



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UNITED STATES PATENT OFFICE.

WILLIAM J. KELLY, OF CLINTON, IOWA, ASSIGNOR TO THE J. A. KELLY & BROS., OF SAME PLACE.

UPHOLSTERY-PIN.

SPECIFICATION forming part of Letters Patent No. 617,988, dated January 17, 1899.

Application filed August 1, 1898. Serial No. 687,430. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. KELLY, a citizen of the United States, residing at Clinton, in the county of Clinton and State of Iowa, have invented new and useful Improvements in Upholstery-Pins, of which the following is a specification.

My invention relates to that kind of upholstery-pin which is provided with a flexible shank that is adapted to be bent over to one side for the purpose of securing the pin after its shank has been inserted through the upholstery material or cushion.

It is the object of my invention to provide such an upholstery-pin with a securing-plate that is slotted or perforated for passage of the pin-shank and which is shouldered or crimped on its under side in such manner as to provide a bearing on which the inserted pin-shank can be bent to one side at somewhat less than a right angle and toward the said plate, thereby preventing the pin from working loose or becoming detached after its shank has been bent over.

The invention is illustrated in the annexed drawings, in which—

Figure 1 is a perspective of my improved upholstery-pin and securing attachment. Fig. 2 is a section of an upholstered article with pin applied and secured in place.

Heretofore it has been common to provide upholstery-buttons with eyes through which cord is passed for the purpose of fastening the buttons in place; but buttons so attached are liable to come off or work loose by reason of strain and wear on the cord, which often breaks, and it is difficult or inconvenient to replace the buttons. Upholstery-buttons have sometimes been provided with wire shanks and fastened in place by winding said shanks around projections of perforated securing-plates, through which the button-shanks are passed.

The upholstery-pin that I employ may have an ornamental head 1, of any appropriate character, and is provided with a pointed metal shank 2, that is preferably flat and sufficiently flexible to be readily bent over to one side.

For the purpose of securing the upholstery-

pin so that it cannot become detached or work loose I provide a metal securing-plate 3, that may have any suitable form, whether circular, rectangular, or otherwise. The plate 3 is preferably crimped or folded upon itself transversely on its under side to provide a shoulder or ridge 4, consisting of separated walls extending at right angles to the face of the plate, that will serve as a bearing on which to bend over the pin-shank 2 toward one side. The pin is placed in the required position, with its shank 2 penetrating the upholstered part or cushion, and then the securing-plate 3 is attached by passing the pin-shank into the fold of the crimp between its two sides and through a slot or opening 5, formed centrally at the bottom of the crimp or fold. The pin is to be forced down as far as possible, and the plate 3 is to be pressed closely against the back of the upholstered article, and then the flexible pin-shank 2 is to be bent over on the shoulder 4 to one side and backward toward the plate at somewhat less than a right angle. By this means the pin is securely attached. The bending of the pin-shank 2 over to one side and toward the plate 3 with a firm bearing against the shoulder or ridge 4 causes the bent shank to have somewhat the action of a hook and effectually prevents the pin from working loose, as it might do if the pin-shank was bent over parallel with a plane surface having no ridge or shoulder to serve as a bearing on which to bend the shank. This manner of securing upholstery-pins is applicable to various kinds of upholstering work and is simple, comparatively inexpensive, and very convenient.

What I claim as my invention is—

1. As a means for fastening upholstery-pins, a securing-plate crimped on its under side to form a transverse shoulder and having a slot at the bottom of the fold or crimp for passage of the pin-shank, the said shank to be bent over on said shoulder for the purpose of securing the pin, substantially as described.

2. The combination of a securing-plate crimped or folded upon itself to provide two separated walls extending at right angles to the face of the plate and having a perforation

at the apex of said walls, and a pin consisting of a rigid head and a flexible shank adapted to be passed through said perforation, leaving its extremity exposed to be bent over upon
5 said walls to form a hook connection for said shank, substantially as described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing witnesses.

WILLIAM J. KELLY.

Witnesses:

JOHN BRENNAN,
W. I. GIBBONS.