J. H. LANGROCK.

DEVICE FOR ATTACHING COVERS TO CUSHIONS.

APPLICATION FILED JAN. 7, 1921.

1,374,210. Patented Apr. 12, 1921.

Fig. 1

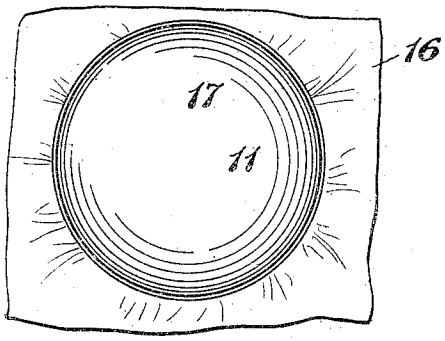
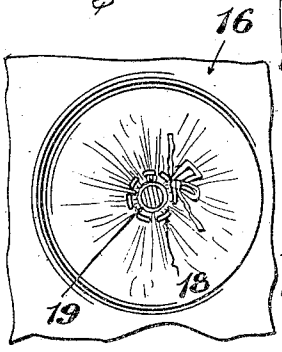


Fig. 3.



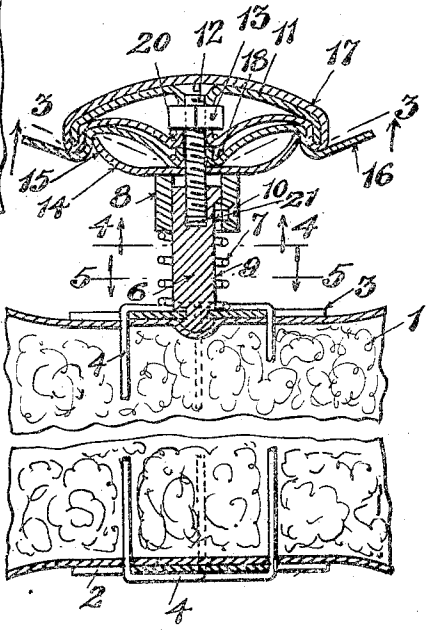


Fig. 2.

Fig. 5.

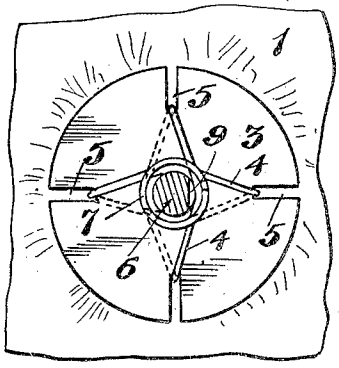
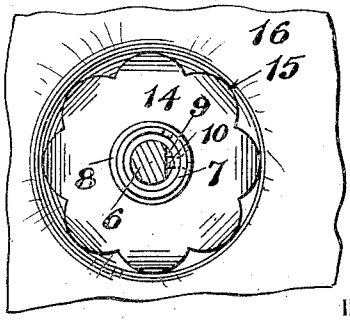


Fig. 4.



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UNITED STATES PATENT OFFICE.

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DEVICE FOR ATTACHING COVERS TO CUSHIONS.

1,374,210. Specification of Letters Patent. Patented Apr. 12, 1921.

Application filed January 7, 1921. Serial No. 435,673.

To all whom it may concern:

Be it known that I, JOSEPH H. LANGROCK, a citizen of the United States, and a resident of the city, county, and State of New York, have invented a certain new and useful Improvement in Devices for Attaching Covers to Cushions or the like, of which the following is a specification.

This invention relates to a detachable connection adapted to be used for securing cushion covers in place on cushions, and the object of this invention is to provide a fastening means for the purpose above mentioned adapted to attach an ornamental button or the like to a cushion or other articles, and adapted to form a means for fastening the cushion cover in place.

With these objects, and other objects which may hereinafter appear in view, I have devised the particular arrangement of parts hereinafter set forth and more particularly pointed out in the claims appended hereto.

Reference is to be had to the accompanying drawing, forming a part hereof in which—

Figure 1 is a plan view of my improved device.

Fig. 2 is a vertical sectional view of the same.

Fig. 3 is a sectional view on the line 3—3 of Fig. 2 looking in the direction of the arrows.

Fig. 4 is a sectional view on the line 4—4 of Fig. 2 looking in the direction of the arrows and

Fig. 5 is a sectional view on the line 5—5 of Fig. 2 looking in the direction of the arrows.

Throughout the various views of the drawings, similar reference characters designate similar parts.

In the preferred embodiment of my invention as disclosed in the accompanying drawing, 1 indicates a cushion or other article to which my improved securing means is adapted to be attached. At 2 is a plate or disk and at 3 is a similar plate or disk, one of these plates being on each side of the cushion and preferably at a central point thereon, said plates being connected by means of stitching 4 extending through the cushion 1 and joining the plates, recesses 5 being provided in the plates for the reception of stitches 4. Secured to and projecting upwardly from the plate 3 is a stud 6 which is surrounded by a coil spring 7 adapted to bear upwardly against a tubular follower 8 which slides on the stud 6. The stud 6 is provided with a recess 9 and the follower 8 is provided with a pin 10 which acts as a guide for the follower and is movable in the recess 9. The recess 9 restricts movement of the follower on the stud 6 and prevents the follower from becoming separated from the stud by pressure of the spring 7. At 11 is a button member having a domed head from which projects a threaded shank 12 secured in place on the head by means of a nut 13. At 14 is a spring clamping plate having a central aperture through which the threaded shank 12 passes and also having an upturned scalloped or serrated edge which is clamped against the cushion covering 16 and button covering 17 as will be hereinafter explained.

The cushion covering 16 is preferably contracted by means of a draw string 18 and the threaded shank 12 is passed through the contracted opening 19 in the covering 16. At 17 is the button covering which preferably consists of a piece of cloth contracted over the head of the button 11 by means of a draw string 20, the draw string and contracted portion of the covering being on the underface of the button 11.

It will be seen that when the threaded shank 14 is threaded into a recess 21 provided in the upper end of the stud 9 to receive it, the follower 8 is thrust against the clamping plate 14 by the spring 7 causing said plate to be forced against the button head 11 with the cushion covering 16 and the button covering 17 held intermediate of the clamp 14 on the underface of the button head 11. It will be seen by means of this arrangement the cushion covering 16 is detachably secured to the cushion but can be readily removed therefrom by simply unthreading the threaded shank 12 from its recess 21 by rotation of the button head 11.

While I have referred to this device as being applicable for attaching a cushion covering to a cushion, it will be understood that the same can be used for any purpose where it is desired to detachably secure a button in position and particularly where the button is adapted to be used for holding a covering of any kind in place.

From the foregoing, it is obvious that my invention is not to be restricted to the exact embodiment shown but is broad enough

to cover all structures coming within the scope of the annexed claims.

What I claim is:

1. A device of the class described comprising a plate, means for securing the same to an article, a button member, means on the plate for detachably receiving said button member and holding the same and a spring pressed plate forced against the under side of the button member.

2. A device of the class described comprising a plate, a button member, a stem on the button member, means on the plate for receiving said stem and a spring-pressed clamping plate between the button member and the plate movable against the under face of the button member.

3. A device of the class described comprising a plate, a button member, a threaded stem on said button member, means on the plate for receiving said threaded stem, a clamping plate, and a spring for forcing said clamping plate against the under face of the button member.

4. A device of the class described comprising a plate, a projection thereon, a button having a stem adapted to be detachably received in said projection, a clamping plate below the button and a spring surrounding the projection and adapted to force the clamping plate against the button.

5. A device of the class described comprising a button, a clamping plate below the same, means for holding said button and resilient means bearing against the under face of said clamping plate and thrusting the same against the under face of the button member.

6. A device of the class described comprising a plate, a stud thereon, a button, a threaded shank on said button, said stud having a recess adapted to receive the shank, a spring surrounding the stud, a plate and means actuated by the spring for forcing the plate against the button.

7. A device of the class described comprising a plate having a plurality of thread-receiving recesses, a projection on said plate, a button having a threaded shank, means on the projection for receiving said shank, a spring and a clamping plate forced against the button by said spring.

8. A device of the class described comprising a button, means for securing the same to a fabric, a shank on said button, said shank comprising a threaded stem, a plate and a member on said plate adapted to receive said threaded stem.

9. A device of the class described comprising a button having a domed head, a shank extending therefrom, means for detachably holding said button comprising a plate and a projection thereon, a movable clamping plate and a spring pressed follower on the projection adapted to exert pressure on said clamping plate.

10. A device of the class described comprising a button having a domed head, a threaded shank extending from said head, a plate, a stud thereon having a recess adapted to detachably receive said shank, a clamping plate on the under side of said head, a spring for forcing said clamping plate against the button head and a plurality of thread-receiving recesses in the plate.

Signed at the city, county and State of New York, this 29th day of December, 1920.

JOSEPH H. LANGROCK.