(No Model.)

E. SCHOUP.

DRAWER PULL.

No. 562,491. Patented June 23, 1896.

Fig. 1.

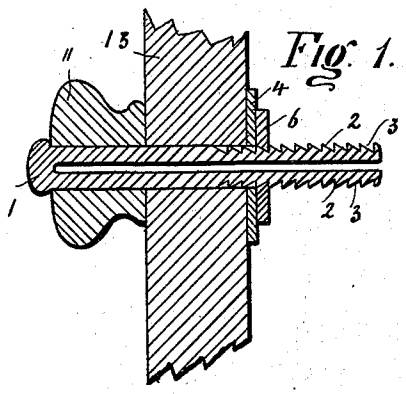


Fig. 5.

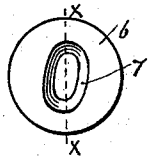


Fig. 6.

Fig. 4.

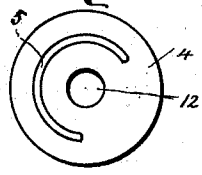


Fig. 2.

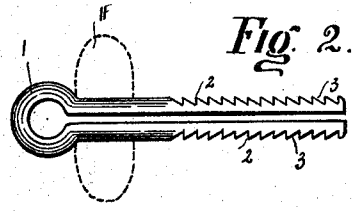


Fig. 3.

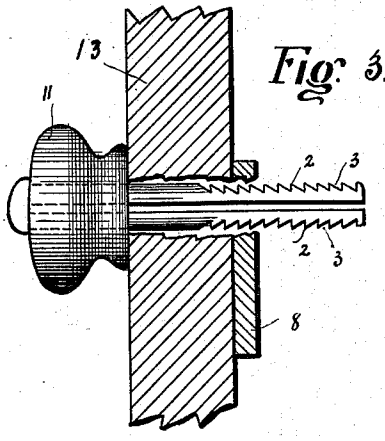


Fig. 7.

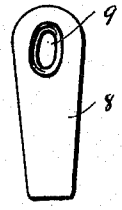
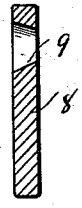


Fig. 8.



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DRAWER-PULL.

SPECIFICATION forming part of Letters Patent No. 562,491, dated June 23, 1896.

Application filed January 27, 1896. Serial No. 577,000. (No model.)

To all whom it may concern:

Be it known that I, EMIL SCHOUP, a citizen of the United States, residing at Lima, in the county of Allen, in the State of Ohio, have invented certain new and useful Improvements in Drawer-Pulls; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to improvements in drawer-pulls, and the objects of the improvements are to furnish a bolt and fastenings with which furniture-handles, commode-buttons, and cupboard-catches may be readily attached to and detached from drawers and furniture-doors without the use of wrench, screw-driver, or other tool, and at the same time when placed in position will be securely fastened.

It is well known that cabinet-knobs and drawer-handles of all kinds, as also cupboard and cabinet door catches that are attached by means of bolts secured by nuts, are liable in use to become loosened, and if not tightened will often become entirely detached. In my improvement all that is necessary is to insert the bolt through the usual hole for the same made in the drawer front or door, and place upon the inner end the disk or catch, which will engage with serrated notches upon the exterior surfaces of the bolt-prongs, and it is safely secured to the drawer or door and ready for use, and it can be readily detached by pressing the prongs together and taking off the disk. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a vertical sectional view of the bolt in the knob and woodwork of the drawer or door, with a washer and disk adjusted to fasten the bolt in place. Fig. 2 is a like vertical sectional view of the bolt mounted upon a plate of common construction and adapted to receive a ring or handle. Fig. 3 is a side view of the knob, the drawer-front, the bolt, and a catch upon the same adapted for use in a door. Fig. 4 is a washer made of spring metal having a central perforation and a spring-lip cut in the same to press against the disk when in place. Fig. 5 is a metal disk 6 with an elongated central perforation for receiving the prongs of the bolt 1 when in position. Fig. 6 is a cross-sectional view of the disk 6 through X X in Fig. 5 and showing the beveled edge of perforation 7. Figs. 7 and 8 are front and side views, respectively, of the cupboard or cabinet door catch or latch 8 shown in Fig. 3.

Like figures refer to similar parts throughout the several drawings.

1 is a bolt, preferably made of a single piece of spring metal, having either a flattened or solid head, as shown in Figs. 1 and 3, or an open head, as shown in Fig. 2, and separated prongs 2 2, with their sides slightly flattened and the upper and under exterior sides of the prongs convex with coincident transverse serrated notches, as shown. It may be, however, made with a solid head and solid shank, split at its inner end a proper distance to make divergent prongs having like serrated notches upon the exterior upper and under surfaces. The spring-metal washer 4, having central perforation 12, and a segmental wing or lip 5, sprung or raised from the surface, is adapted to be placed upon the prongs 2 2, and adjusted snugly against the inner front of the drawer 11, as shown in Fig. 1.

6 is a metal disk with a central perforation 7 (shown in Fig. 5) and having the outer edge of the perforation beveled and adapted by its sharp edge to engage with the serrated notches 3 3 of the prongs 2 2, when the disk is placed upon the prongs and brought snugly against the washer 4. In placing the disk upon the prongs they are pressed together and the disk brought against the washer, and the prongs by their retractile force will cause the beveled edge of the perforation in the disk to engage in the serrated notches 3 3, and thereby hold the bolt securely in position against the drawer front or door 13.

To adapt the bolt to use for a door, there is fitted upon it a catch 8. (Shown in Fig. 3.) This catch, as shown in Fig. 7, has an elongated beveled perforation 9, adapted to engage with the serrated notches 3 and 3 and to

hold thereby the bolt in position, while it at the same time operates as a catch to fasten the door closed by simply turning the knob 11.

The form of the beveled edge of the perforation 9 is shown in Fig. 8.

In Figs. 1 and 3 the head of the bolt 1 rests against the perforated knob 11, while in Fig. 2 it is exterior to the plate for the adjustment of a ring or handle.

It is obvious that the form of the prongs 2 and 2 and of the perforations in the washer and the disk and catch may be varied without departing from the scope of my invention. It is also obvious that the bolt is adapted for use without knobs.

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

1. In a drawer-pull the combination of a piece of spring metal folded upon itself, having its looped end properly flattened to form a holding-head, and having its free separated ends arranged in approximately parallel relation, and provided upon their outer faces with coincident transverse holding-notches, as described, and a centrally-apertured adjustable disk adapted to form a holding engagement with said notches substantially as described and for the purpose stated.

2. In a drawer-pull a split bolt having separated prongs as shown with the sides of said prongs flattened and the upper and under exterior surfaces convex with coincident serrated notches thereon, adapted to receive when the prongs are pressed together the spring-lipped washer 5, and the disk 4 as shown and described and for the purpose stated.

EMIL SCHOUP.

Witnesses:
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