

Nov. 13, 1923.

1,473,854

H. HEIDLAND

DRAWER PULL

Filed Sept. 21, 1922

Fig. 1.

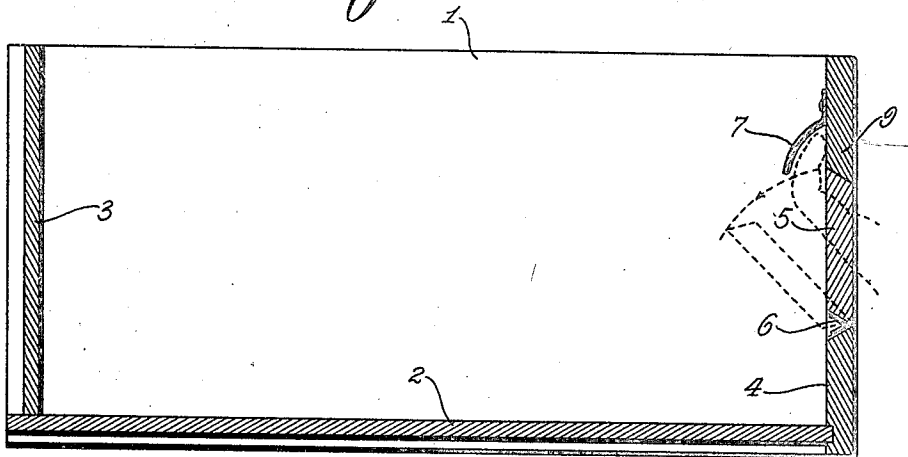


Fig. 2.

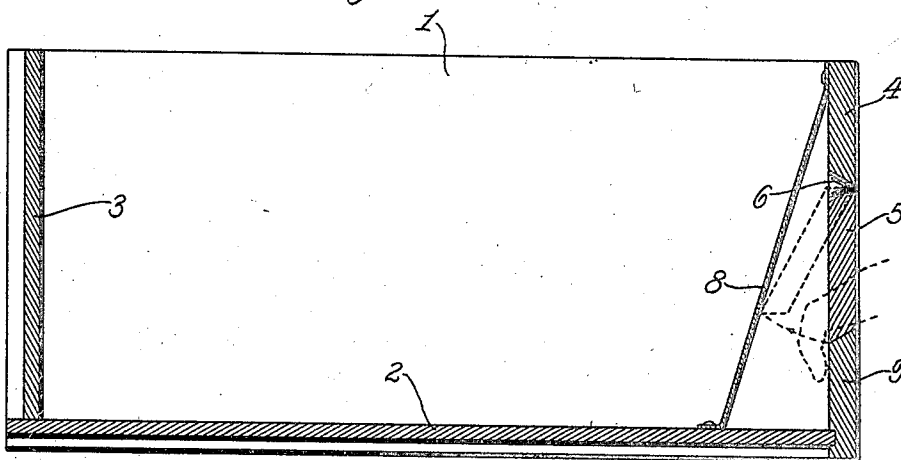
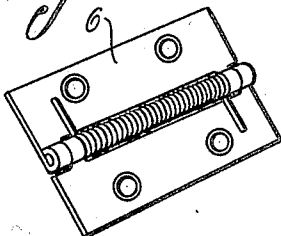


Fig. 3.



Inventor:
HERMAN HEIDLAND,
By John H. Brunning,
Attorney.

UNITED STATES PATENT OFFICE.

HERMAN HEIDLAND, OF ST. LOUIS, MISSOURI.

DRAWER PULL.

Application filed September 21, 1922. Serial No. 589,720.

To all whom it may concern:

Be it known that I, HERMAN HEIDLAND, a citizen of the United States, and residing at St. Louis, Missouri, have invented the new and useful Improvement in Drawer Pulls, of which the following is a specification.

This invention relates to drawer pulls and the like.

The pulls ordinarily applied to drawers, cabinet doors and the like are of the type which fasten to the front of the drawer or door and project therefrom so as to provide a handle to be grasped in opening the drawer or door. On some kinds of furniture, these projections are liable to be struck by other furniture or objects being moved past the front of the drawer or cabinet and are, therefore, subject to injury or to be broken off entirely so as to render it impossible to open the drawer.

One of the objects of this invention, therefore, is to provide a drawer pull which shall present no projections from the front of the drawer.

Another object of this invention is to provide such a device which shall improve the appearance of the furniture by presenting a smooth and unbroken front surface.

Further objects will appear from the detail description taken in connection with the accompanying drawing, in which:

Figure 1 is a sectional view of a drawer equipped with a pull embodying this invention;

Figure 2 is a similar view showing another embodiment of this invention; and

Figure 3 is a detail of the spring hinge for mounting the shutter.

Referring to the accompanying drawing, 1 designates the side, 2 the bottom, 3 the back and 4 the front of an ordinary drawer. The front 4 may, of course, be part of a cabinet door or other similar device. In accordance with this invention, a section is cut out of the front 4 so as to provide an opening through which the hand may be inserted as illustrated in Figures 1 and 2, so that a grip may be obtained upon that part of the front adjacent the opening. A section of the front is hinged within the opening so as to provide a shutter 5 adapted to close the opening when released and to stand flush with the front so as to present a uniform and unbroken appearance. The shut-

ter 5 may be mounted on a hinge 6 which may be of the spring retained type, as illustrated in Figure 3. When so mounted, the shutter will automatically return so as to close the hand opening when the hand is withdrawn. In the embodiment illustrated in Figure 2, either a spring hinge may be used or the shutter may be allowed to close by gravity.

In order to prevent the contents of the drawer from piling up before the shutter so as to prevent its opening, a guard 7 may be attached to the inside of the front 4 so as to insure a clear space before the shutter to allow opening thereof. In the embodiment illustrated in Figure 2, the guard may take the form of a diagonal partition 8 as illustrated. This will prevent the contents of the drawer in any way from interfering with the movement of the shutter.

It will be noted that this invention provides a simple and inexpensive drawer pull which at the same time presents a neat and attractive appearance when closed. The shutter 5 closes the hand opening when not in use but is movable by the hand inwardly so as to expose the grip provided by the portion 9 on the front 4. Upon release of the shutter, it will again close the opening automatically. Upon closing the shutter moves into the opening and thereby completes the front so as to present a continuous surface. The guards 7 or 8 effectively prevent interference of the contents of the drawer with the operation of the shutter.

It is obvious that various changes may be made in details of construction without departing from the spirit of this invention; it is therefore, to be understood that this invention is not to be limited to the specific details shown and described.

Having thus described the invention, what is claimed is:

1. In a pull for drawers or the like, the combination with a front having a hand opening, of a shutter for closing said opening.

2. In a pull for drawers or the like, the combination with a front having a hand opening, of a shutter movable into said opening and to a flush position to complete the front.

3. In a pull for drawers or the like, the combination with a front having a hand

opening, of a shutter located in said opening to complete the front and movable inwardly.

4. In a pull for drawers or the like, the combination with a front having a hand
5 opening, of a shutter movable inwardly to permit entrance of the hand and movable forwardly to a flush position to complete the front.

5. In a pull for drawers or the like, the combination with a front having a hand 10 opening, of a shutter for closing said opening, and a guard therefor.

In testimony whereof I affix my signature this 7th day of Sept., 1922.

HERMAN HEIDLAND.