Aug. 11, 1931. B. S. FLORADAY 1,818,612

HANDLE

Filed Dec. 15, 1930

Fig. 1.

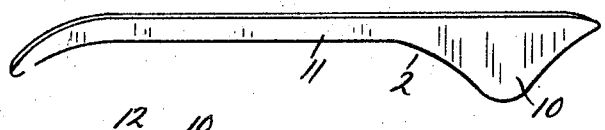


Fig. 2.

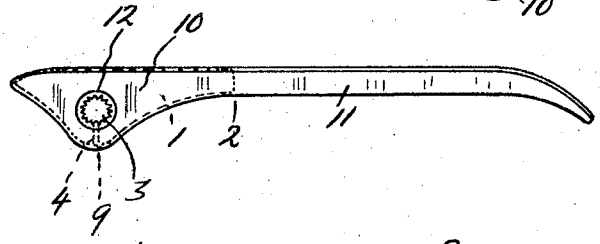


Fig. 4.

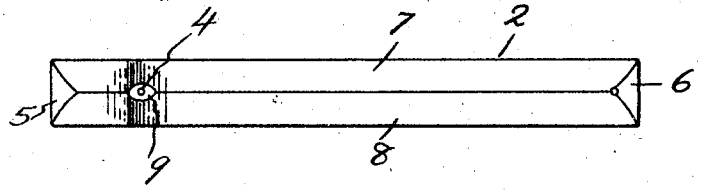
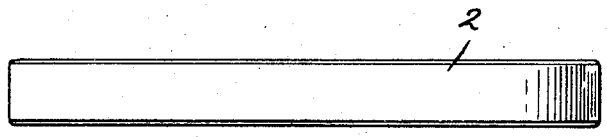


Fig. 3.



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Patented Aug. 11, 1931 1,818,612

UNITED STATES PATENT OFFICE

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HANDLE

Application filed December 15, 1930. Serial No. 502,593.

The invention relates to handles and has for one of its objects to construct a handle having a surface which does not become easily marred. Another object is to so construct the handle that it may be fixedly secured upon a shaft and at the same time presents a solid exposed surface. A further object is to so construct the handle that it has sufficient strength to withstand all normal stresses to which it might be subjected and yet may be manufactured at relatively low cost. These and other objects of the invention will become apparent from the following description in connection with the accompanying drawings, in which

Figures 1 and 2 are opposite side elevations of a handle embodying my invention;

Figures 3 and 4 are respectively top and bottom plan views thereof.

The handle embodying my invention is designed particularly for use with refrigerator latches, although it is apparent that it may be used with other latches. This handle comprises the metal body 1 and the sheet metal member 2. The body is preferably a casting and has extending transversely thereof the serrated socket 3 in the nature of an opening extending therethrough for receiving the handle shaft. This body is triangular in elevation and has the opening 4 which extends from its apex transversely of and into the opening 3, this opening 4 being adapted to receive a suitable pin or the like for securing the handle from disengagement from the shaft. The member 2 is formed of one piece and folded so that its edges are located at its rear side. This member is so blanked that after it has been folded the end portions of its rear wall are formed by the triangular parts 5 and 6, the edges of which extend adjacent to the complementary rear wall parts 7 and 8. The adjacent edges of these latter parts are cut away at 9 to form an opening encircling the opening 4 and permitting of the passage of the securing means into this latter opening. The member 2 is so constructed that it has the portion 10 which is triangular shaped in elevation and houses the body 1 and also the portion 11 which extends from the portion 10 and forms the handle grip. The portion 10 has one of its side walls formed with the opening 12 registering with the transverse opening 3 in the body and preferably of slightly greater diameter, so that the handle shaft may be engaged with the opening 3. The other side wall, however, is solid and closes the opening. The body is firmly engaged and rigidly held in place and further serves in reinforcing the grip portion of the handle at the point of greatest stress.

It will be seen that the handle may be manufactured at relatively low cost and that it is of strong construction, both by reason of the shaft engaging the body being rigidly secured within the sheet metal member and this body extending into the grip portion of the sheet metal member to reinforce the same and the grip portion being tubular or hollow. Inasmuch as the exposed surfaces of the handle are formed of the sheet metal member they will not be readily marred.

What I claim as my invention is:

1. A handle comprising a body having a transverse shaft receiving socket and a one piece sheet metal member housing said body and having a portion forming a grip, said member having one side wall apertured in registration with said socket for the passage of the shaft and the other side wall solid.

2. A handle comprising a body having a transverse shaft receiving serrated socket and a one piece sheet metal member housing said body and having a portion forming a grip, said member having one side wall apertured in registration with said socket, the other side wall solid and the rear wall apertured for the passage of means for securing the handle to the shaft.

3. A handle comprising a triangular body having a transverse shaft receiving socket and a one piece sheet metal member having a triangular portion housing said body with one side wall apertured in registration with said socket and the other side wall solid and also having a grip forming portion.

4. A handle comprising a triangular body having a transverse shaft receiving serrated opening therethrough and an opening ex-

tending from its apex transversely of and into said first mentioned opening, and a one piece sheet metal folded member having a triangular portion housing said body with one side wall apertured in registration with said first mentioned opening and the other side wall solid and with the adjacent edges of its portions forming the rear wall cut away to form an opening surrounding the second mentioned opening, said member also having a grip forming portion.

In testimony whereof I affix my signature.

BURTON S. FLORADAY.