Oct. 8, 1968 J. B. PIERCE 3,405,377

HOLDER FOR SOCKET WRENCH HEADS

Filed March 10, 1967

FIG. 3.

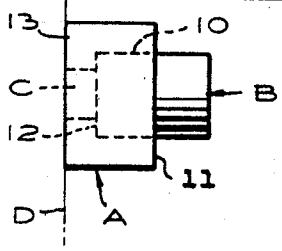


FIG. 1.

FIG. 4.

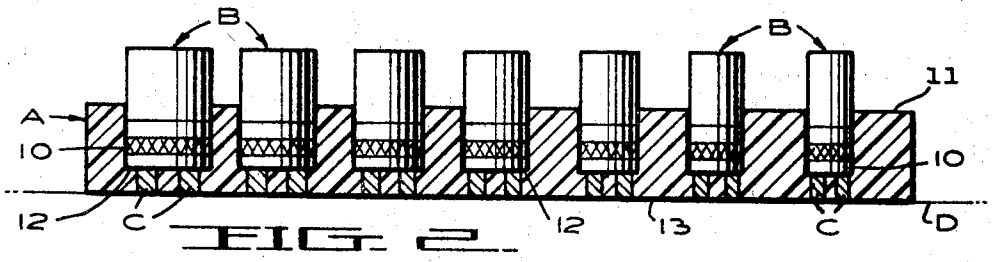
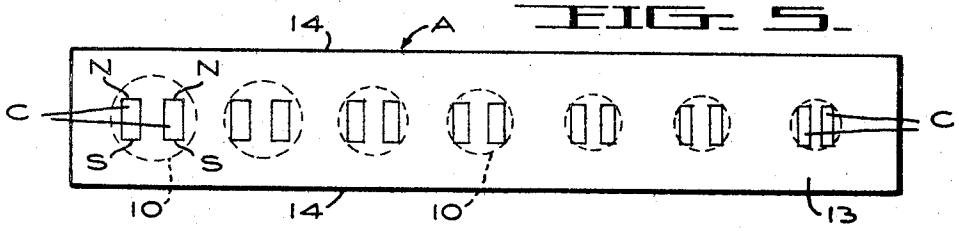


FIG. 2.

FIG. 5.



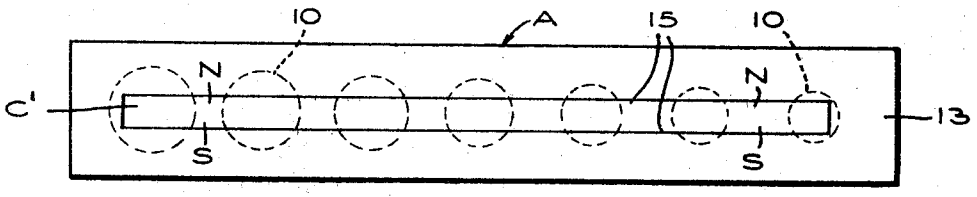


FIG. 6.

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HOLDER FOR SOCKET WRENCH HEADS

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ABSTRACT OF THE DISCLOSURE

A holder having a body member provided with a plurality of sockets of various diameters, each socket being dimensioned to receive a particular size socket wrench head, whereby these heads may be displayed in a prearranged pattern, and permanent magnets embedded in the body member to hold the wrench heads in place, and these magnets extending to an outer surface of the body member so that they may be placed against a metallic surface so as to support the body member and the inserted wrench heads.

Field of the invention

The present invention relates to improvements in a holder for socket wrench heads, and it consists of the combinations, constructions and arrangement of parts, as hereinafter described and claimed.

Summary

An object of my invention is to provide a holder having a plurality of sockets formed in a body member of the holder, each socket being dimensioned to receive a particular size socket wrench head, the sockets differing in diameter from one another, whereby the head desired by a mechanic may be easily located.

Moreover, it is proposed to provide at least one permanent magnet embedded in the body member in a position to magnetically attract the socket heads, with the magnet or magnets being located so that the holder body member may be placed against a metallic surface so as to support the body member and the socket wrench heads, even though the body member may be inclined or inverted without the heads dropping out of their respective sockets.

Another object of the invention is to provide a holder for socket wrench heads which is simple in construction, durable and efficient for the purpose intended and that may be manufactured at a relative low cost.

Other objects and advantages will appear as the specification continues, and the novel features of the invention will be particularly pointed out in the appended claims.

Drawing

For a better understanding of my invention, reference should be had to the accompanying drawing, forming part of this specification, in which:

FIG. 1 is an isometric view of my holder for socket wrench heads;

FIG. 2 is a longitudinal sectional view taken along the plane **2**—**2** of FIG. 1;

FIGS. 3 and 4 are end elevational views of the holder for socket wrench heads with the body member turned at angles so as to be applied to a vertical and an overhead metallic surface, respectively;

FIG. 5 is a bottom plan view of FIG. 2; and

FIG. 6 is a bottom plan view of a modified embodiment of my holder for socket wrench heads.

While I have shown only the preferred embodiments of my invention it should be understood that various changes, or modifications, may be made within the scope of the appended claims without departing from the spirit thereof.

Detailed description

Referring now to the drawing in detail, I have shown a body member designated generally at A that may be made from any suitable material, such as plastic, but not limited thereto. This body member has a plurality of sockets **10** extending downwardly thereinto from an upper surface **11** thereof. Each socket has been dimensioned to receive a particular size of a socket wrench head B, and the sockets differ in diameter one from the others so that the socket wrench heads B may be arranged in a predetermined order along the length of the body member. As shown in the drawing, the body member A is elongated, and the sockets **10** are arranged in succession along the length of the body member, with the sockets **10** progressively decreasing in diameter so as to facilitate location of a particular socket wrench head B by a mechanic.

It will be noted from FIGS. 2 to 5, inclusive, that a plurality of magnets C are provided, with at least one magnet being disposed beneath each socket **10** so as to extend from socket bottom **12** to the lower face **13** of the body member A, whereby the magnets C may be placed against a metallic surface D so as to support the body member A thereon. Thus the magnets C serve a dual function of holding the socket wrench heads B in the sockets **10** and, also, serving to anchor the body member A to the metallic surface D. The latter may be disposed horizontally, as in FIG. 2; vertically, as in FIG. 3; or disposed overhead, as in FIG. 4. When a mechanic is working under an automobile, for example, the metallic surface D may be the frame or other part of the automobile.

In FIGS. 5, each magnet C has a "north" and a "south" pole designated by N and S, respectively, with like poles of each pair of magnets facing the same lateral side edge **14** of the body member A, but I do not desire to be limited to this arrangement. It is preferable that a pair of magnets C be disposed beneath each of the sockets **10** so as to firmly anchor the heads B in the sockets.

Turning now to the modified embodiment of my holder for socket wrench heads, as shown in FIG. 6, the body member A and its sockets **10** are identical with the first embodiment previously described. However, in FIG. 6, a single elongated magnet C′ has been provided between the bottom of the sockets **10** and the lower face **13** of the body member. This magnet is disposed to extend beneath all of the sockets **10**, and it has "north" and "south" poles N and S, respectively, arranged on opposite lateral sides **15** thereof, and these poles extend along the entire length of the magnet C′, whereby a "north" and "south" pole section will be disposed beneath each of the sockets **10**.

I claim:

1. In a holder for socket wrench heads:

(a) a body member having a plurality of sockets extending downwardly thereinto from an upper face thereof, each socket being dimensioned to receive a particular size socket wrench head, and the sockets differing in diameter one from the other;

(b) and at least one permanent magnet embedded in the body member in a position to magnetically attract the socket heads in the sockets thereto;

(c) the magnet extending to a lower face of the body member, whereby the magnet may be placed against a metallic surface so as to support the body member thereon.

2. The holder for socket wrench heads, as set forth in claim **1**;

(d) and in which a plurality of magnets are provided, with at least one magnet being disposed beneath each socket so as to extend from the bottom of that socket to the lower face of the body member.

3. The holder for socket wrench heads, as set forth in claim **1**;

(d) and in which the body member is elongated, and the sockets are arranged in succession along the length of the body member, with the sockets in succession progressively decreasing in diameter so as to facilitate location of a particular socket wrench head.

4. The holder for socket wrench heads, as set forth in claim 3;

(e) and in which a single elongated magnet is provided, and this magnet is disposed to extend beneath all of the sockets;

(f) this elongated magnet having "north" and "south" poles arranged on opposite lateral sides thereof, and

these poles extending along the entire length of the magnet, whereby a "north" and "south" pole section will be disposed beneath each of the sockets.

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