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F. BARNEY

1,738,276

STANDARD

Filed July 25, 1927

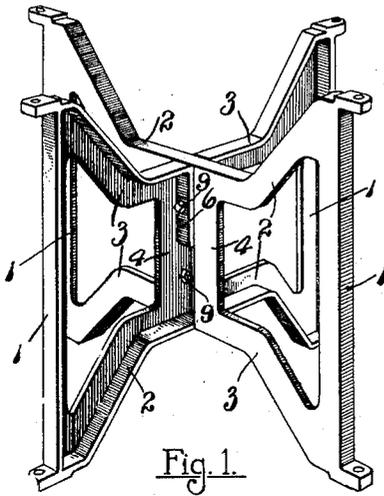


Fig. 1.

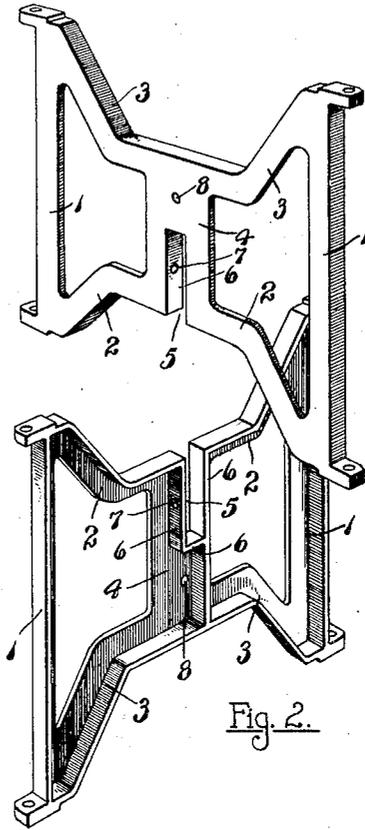


Fig. 2.

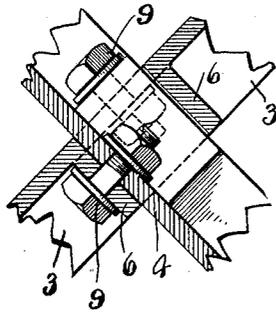


Fig. 3.

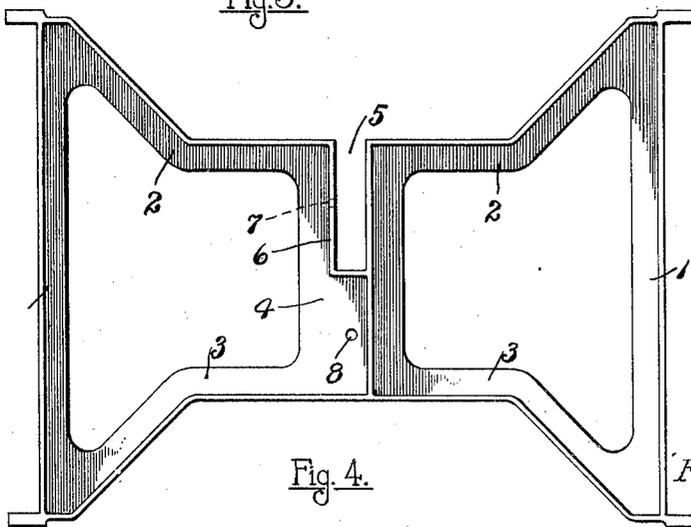


Fig. 4.

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UNITED STATES PATENT OFFICE

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STANDARD

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This invention relates to a stand which may be used for supporting various articles. It is a primary object and purpose of the present invention to provide a practical and serviceable stand made of two parts which are exact duplicates and which have interfitting connections so that when one part is reversed with respect to and interfitted with the other a complete standard is produced. After said interfitting has been accomplished, contacting parts of the two members of the standard may be bolted together so as to make more secure the connection of one part to the other. The two parts of the standard being exact duplicates and each being produced as a single casting it is evident that economy in manufacture is greatly enhanced.

An understanding of the invention may be had from the following description taken in connection with the accompanying drawing, in which,

Fig. 1 is a perspective view of the standard.

Fig. 2 is a perspective view showing the two parts of the standard disassembled, but ready to be placed together.

Fig. 3 is a fragmentary enlarged horizontal section through the central part of the standard illustrating the manner in which the bolts are used to connect the two parts together after they have been interfitted, and

Fig. 4 is a somewhat enlarged elevation of one of the parts used in the standard.

Like reference characters refer to like parts in the different figures of the drawings.

In the construction each part of the two part standard comprises spaced apart vertical sides 1 from the upper ends of which arms 2 extend downwardly and inwardly toward each other, while from the lower ends similar arms 3 extend upwardly and inwardly toward each other, the inner ends of the arms 2 and 3 integrally joining with a central vertical web 4. A slot 5 is made vertically from the upper end of said web downwardly substantially one-half of the height of the web.

The sides 1, arms 2 and 3 and web 4 are cast integral and the sides 1, and arms 2 and 3 are equipped with flanges so that each

side and arm is in effect of angular shape having two flanges located at right angles to each other. These flanges come to the slot 5 and are continued around said slot as indicated at 6. An opening 7 is made through the vertical flange 6 as shown in Figs. 2 and 4, and an opening 8 is made through the web 4 a distance below the lower end of the slot 5.

One of these members with the arms 2 at the upper side thereof and arms 3 at the lower side is assembled with another member of identical construction, the only difference being that said other member is inverted so that the arms 3 appear at the top and arms 2 at the bottom, as shown in Fig. 2. This brings the slot 5 in the inverted member at its lower side and the two members may then be telescoped by bringing the slots together and moving the members together so that the upper and lower ends of each lie in the same planes. The flange 6 at a side of each slot thereupon comes alongside of the web 4 of the opposite member and the openings 7 and 8 in the flanges and webs of the two members come into conjunction so that bolts 9 may be passed therethrough which, when supplied with nuts, bind the parts very securely together.

By means of this invention a stand may be very economically constructed. The fact that both parts are identical very much simplifies the cost of casting in that a single simple pattern is all that is required to make a complete stand. By making a stand in this way it may be shipped in disassembled condition and occupies a relatively small space thereby reducing freight charges and also the fact that it may be crated compactly reduces its tendency to break while shipping. The fact that the stand is of the same proportions at both ends makes it very stable in use. By having its lower end extending over the same area as its upper end upon which an article is to be supported prevents it from being easily tipped over.

I claim:

A standard comprising two members of identical shape each having a central web with a central vertical slot extending from

one edge to the center thereof and a flange at
one side of said slot, said flange having an
opening and said web having an opening in
alignment with said slot and means adapted
to pass through the aligned openings whereby
5 the two members may be inverted with re-
spect to each other and telescoped together
and said openings in the respective members
will register for the purpose of inserting
fastening bolts therethrough.

10 In testimony whereof I affix my signature.
FREEMAN BARNEY.

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