

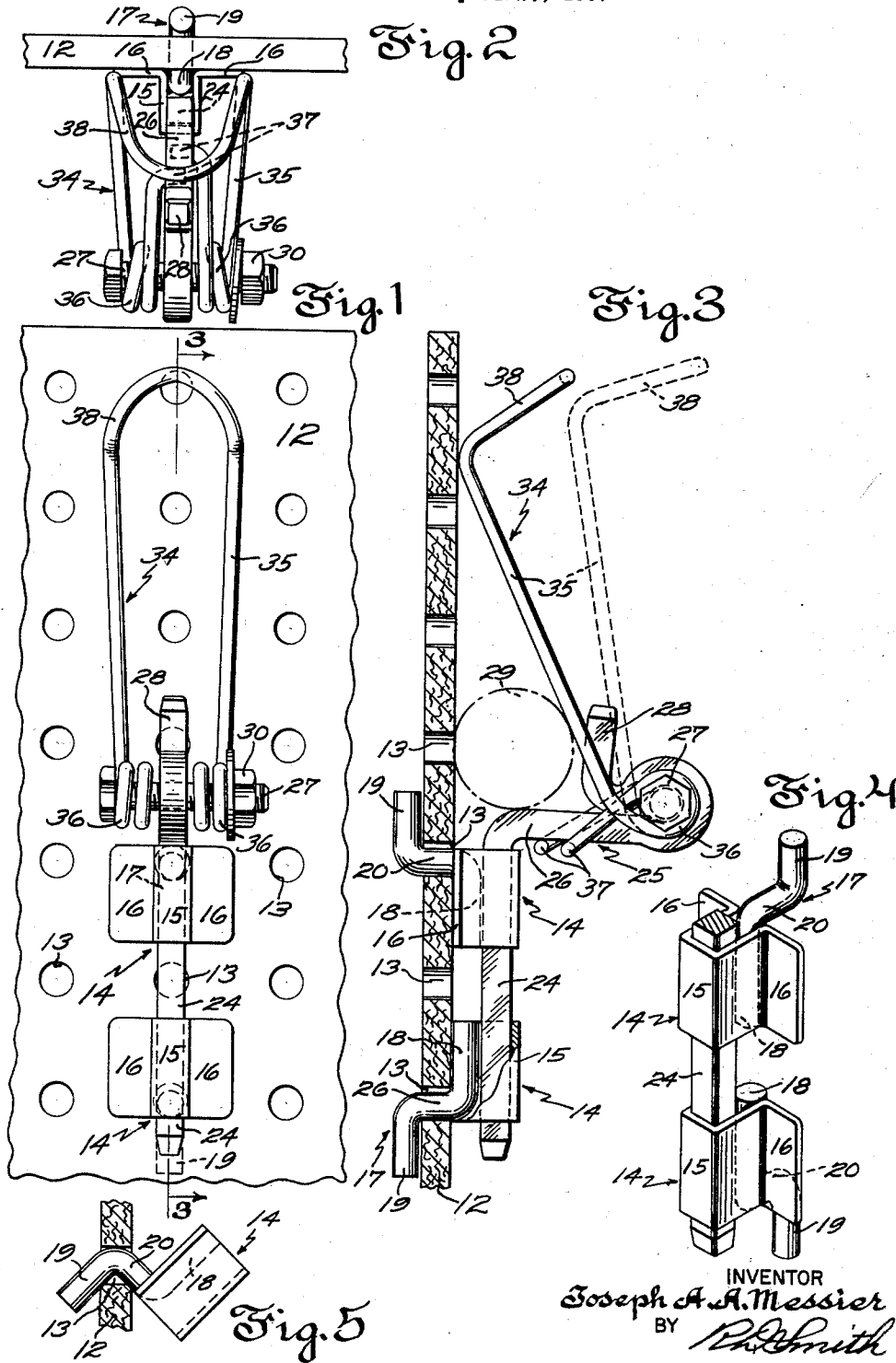
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PEG BOARD BRACKET

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PEG BOARD BRACKET

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This invention relates to relocatable wall brackets for supporting in temporary storage easily removable load articles such as shovels or work tools hanging by means of a looped or hooked handle, or load articles in the nature of rod or bar stock that may rest removably on a plurality of the brackets stationed on a common level.

An object of the invention is to provide for quick and easy shifting of wall brackets to a wide variety of selective locations over a given area of wall surface.

A further object is to provide firm and dependable support for a wall bracket so as to permit ready removal of its load article and of the wall bracket itself in any of such varied locations and without the use of tools or extraneous fastening means.

A further object is to utilize the mounting shank of a wall bracket to mechanically associate and couple in fixed alignment two otherwise separate and independently displaceable neighboring support sockets that may be plugged individually into chosen anchorage holes in a Peg Board or the like.

A still further object is to provide sockets for this purpose which can be mounted on a Peg Board in pairs of which the two independent sockets can be placed in positions of mutual alignment at a variety of angular dispositions in addition to the vertical and the horizontal against the front face of the Peg Board.

The foregoing and other objects of the invention will appear in greater particular from the following description of a successful embodiment of the improvements in which reference is had to the accompanying drawings wherein:

Fig. 1 is a fragmentary front elevation of a Peg Board having removably mounted thereon sockets supporting a wall bracket according to principles of the invention.

Fig. 2 is a plan view of the device shown in Fig. 1.

Fig. 3 is a side elevation showing the Peg Board in section on the plane 3—3 in Fig. 1 looking in the direction of the arrows.

Fig. 4 is a perspective view of a lower portion of the structure shown in Fig. 3 with the Peg Board omitted.

Fig. 5 shows one of the mounting sockets being moved toward or away from its anchored position in the Peg Board.

A typical Peg Board 12 can be made use of in practicing this invention such board containing as usual any desired distribution of anchorage holes 13. There are provided two or more support sockets 14 alike, each socket in the form herein shown affording a vertically extending channel between the side walls of a U-shaped member 15 which may comprise a bent strip of metal or a casting of any suitable material preferably having the lateral flanges 16 extending in opposite directions. The rear opening of the channel in member 15 is walled in to form a closed socket by welding the butt end 18 of a crank-shaped short piece of rod 17 into the channel. The rest of the length of rod 17 forms an offset portion 20 of size to be inserted into and withdrawn from any selected

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one of the holes 13 by tipping it as shown in Fig. 5 so that the lodged portion 20 of rod 17 becomes supported in the hole in the Peg Board while the terminal portion 19 engages the rear surface of the Peg Board as shown in Fig. 3.

Fig. 3 shows that the terminal portion 19 of one of the tongues can be directed downward while the terminal portion of the other tongue is directed upward at the rear of the Peg Board. The two sockets 14 are occupied simultaneously by the vertical mounting shank 24 of a load supporting bracket 25. United with said shank the bracket has a rigid load article supporting structure herein illustrated as a simple arm 26 extending outward from the Peg Board at the top of the shank although more complex structure capable of supporting a load article may be substituted for or added to the arm 26 including various hook-shaped or loop-shaped formations or shelf-like formations made by suitable bends in an extended length of arm 26. At its foremost end the load supporting arm 26 carried a pivot pin illustrated as a bolt 27 extending horizontally through a hole that opens crosswise through the arm. Bracket 25 also has a guard lip 28 upstanding rigidly at the foremost end of the load supporting arm 26 to act as a positive retainer for load articles resting on the arm as represented roughly at 29 in Fig. 3.

In the particular embodiment of the invention herein illustrated the shank 24 the load supporting arm 26 and guard lip 28 are all formed by a continuous run of flat sided bent steel rod or strip preferably having a square or rectangular cross section throughout. Such strip is looped back upon itself at the forward end of arm 26 to form the hole in which bolt 27 is lodged. The bolt is retained by a nut 30.

Around bolt 27 at each side of bracket 25 there is coiled a continuous length of suitably coarse resilient wire forming a swingable clamp 34 comprising an elongated upstanding loop 35 of the wire that extends from one to the other of the wire coils 36. These coils form a hinge-like coupling of the clamp 34 to bracket 25. The lower free ends 37 of the spring wire are bent laterally toward each other and engage the under surface of arm 26 so as constantly to bias the upstanding portion of clamp 34 toward or against the front surface of the Peg Board at an incline as shown in Fig. 3. The bight 38 at the upper end of the elongated loop 35 is bent forward at an angle oblique to the Peg Board for enabling load articles when lowered along the surface of the Peg Board to cam the bight 38 away from the Peg Board and drop to a position of rest on the support arm 26 of bracket 25; after which the load article remains urged toward the Peg Board by the resilient pressure of the clamp. Thus the guard lip 28 is assisted by clamp 34 preventing accidental escape of various shapes and sizes of load articles from their intended position of rest upon bracket 25.

The invention may be embodied in various forms and relationships differing from the example herein illustrated and described. For instance a plurality of shanks like 24, each being mounted in a pair of sockets 14 as herein disclosed, may be employed in a manner to contribute to the support of a single load article supporting structure which structure as hereinbefore mentioned may be a mere hook-shaped or loop-shaped formation or a shelf-like formation comprised of suitable bends in a common and continuous extended length of arm 26 which may serve to join two or more of the said plurality of shanks. Such shanks may be spaced laterally on the Peg Board or vertically or both. They may also be spaced apart in alignment with a common axis which is diagonally disposed by mounting two of the sockets in anchorage holes respectively which are not in the same horizontal or vertical row of holes, whereby to hold the shank 24 in

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slanting dispositions in a common vertical plane. For some purposes of the invention the shank may be of round cross section in which case the shank can swivel in the sockets and the bracket structure 26 will be swingable horizontally.

The claims are intended to apply to and cover the above and such other variations as come within a broad interpretation of their wording.

I claim:

1. A relocatable holder for supporting a readily removable load article at the front of an upright wall comprising the combination of, a vertical Peg Board containing multiple anchorage holes, a plurality of separate neighboring supporting sockets swingable independently of each other parallelly with the front surface of said board, each of said sockets having a different mounting tongue projecting backward from said surface of the board and removably anchored in a different one of said holes and including a terminal tongue portion of size to pass freely and withdrawably through the hole into position for steadying engagement with the rear surface of said Peg Board and also having an offset portion rotatably lodged for turning movement in a different one of said holes, and a load-supporting bracket having a mounting shank fitting removably through one of separate sockets and into another of said separate sockets in a manner to maintain said sockets in fixed coaxial alignment, said bracket including rigid with said mounting shank a load article supporting structure extending in an outward direction from said Peg Board.

2. A relocatable holder as defined in claim 1, in which each of the said separate sockets is equipped with laterally extending flanges positioned to abut the front surface of the said Peg Board in spaced relation to corresponding flanges on another of said sockets when the said terminal portions of the said mounting tongues engage the said rear surface of said Peg Board, whereby to restrict each of said sockets against rocking from side to side against said front surface of the Peg Board.

3. A relocatable holder as defined in claim 1, in which the said terminal portion of each of the said mounting

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tongues of each of said sockets extends from the said lodged portion of the tongue in a direction away from the other socket.

4. A relocatable holder as defined in claim 1, in which the said load article supporting arm of the said bracket contains at its forward end a laterally extending hole, a hinge pin extending through and out of said hole, a guard lip rigid with said arm and upstanding therefrom in the vicinity of said hole spaced forward from the said Peg Board to admit and retain a work article between the latter and said lip, a swingable clamp hinged on said pin to swing to a position inclined backward toward said Peg Board, and resilient means yieldably urging said clamp toward said inclined position.

5. A relocatable holder as defined in claim 4, in which all component portions of the said bracket including the said shank and the said load article supporting arm and the said hole and the said upstanding guard lip are formed by a continuous run of flat surfaced strip metal bent to form said component portions.

6. A relocatable holder as defined in claim 1, in which each of the said sockets comprises a U-shaped member of bent metal having side walls separated by a channel opening toward the said Peg Board, and the said mounting tongue comprises a crank-shaped rod fixedly lodged in said channel.

7. A relocatable holder as defined in claim 6, in which the said crank-shaped rod is positioned in the said channel to lie parallel with and in contact with the said mounting shank of the said load supporting bracket.

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