Fig. 1

Fig. 2

Fig. 3

Robert L. Larson

Inventor

By Clayton I. Jerks
Attorney
TWO PART PEG HOOK

Filed Sept. 22, 1966, Ser. No. 581,302
2 Claims. (Cl. 248—225)

ABSTRACT OF THE DISCLOSURE

A wall board peg hook made of two wire parts, one having a cross member connecting spaced L-shaped prongs which are insertable into two wall board perforations, and the other part having a horizontal arm and a downwardly projecting wire loop hooked over the cross member and fitting between the prongs and the wall.

This invention relates to a peg hook detachably supported on a perforated wall board.

A wall board usually comprises a vertical wall having a series of holes in a rectangularly spaced arrangement. One form of peg hook for supporting goods thereon has heretofore had upturned prongs at the rear end of a horizontally projecting elongated arm insertable through two adjacent holes in the board and engaging the rear face of the board and a depending prong engaging the front face of the board. To assemble the device, the upstanding prongs have to be inserted horizontally through the holes while the arm is substantially vertical and then revolved to position the arm horizontally. This prevents the use of such a device above that spacing below a ceiling, for example, which is not less than the length of the arm.

The primary object of this invention is to overcome such a difficulty and to provide a two part peg hook, one part being small and having prongs which may be removably mounted in the wall board perforations and the other part comprising a substantially horizontal arm which is readily and removably mounted on the hook part.

Another object is to provide a two part peg hook which is comparatively inexpensive and yet permits ready replacement of a goods supporting arm without requiring disturbance of any hook part assembled on the board and which thus has many varied uses. Other objects will be readily apparent.

In accordance with my invention, I provide a two part body comprising a detachable support having spaced parallel prongs removably mountable in adjacent perforations of the wall board which carry a horizontal restraining member in front of and spaced from the board. Removably mounted on said support is a goods carrying arm having a prong hooked behind the restraining member of the support carried by the wall board.

In the embodiment shown in the drawings:

FIG. 1 is a perspective view of the assembled two-part device;

FIG. 2 is a fragmentary view of a perforated wall board partly broken away and showing a wall hook part in perspective assembled in two holes of the wall; and

FIG. 3 is a fragmentary sectional view of a perforated wall board mounted beneath a ceiling and showing the two part peg hook in perspective in its assembly on the wall.

As shown particularly in FIG. 3, a wall board 10 has a plurality of equal sized perforations 12 in a desired spaced arrangement and preferably in a rectangular pattern. This vertical wall 10 is shown as spaced from a rear building wall 14 and mounted below a ceiling 16. The spacing between the walls 10 and 14 is to be adequate for the assembly of the peg hook parts.

In accordance with my invention, the peg hook comprises a detachable wall hook part 20 having two L-shaped arms shaped as normally vertical prongs 22 and horizontal portions 23 connected together by a horizontal cross member 24. This peg hook is preferably made of a steel wire, such as a wire of a quarter inch diameter, sized to pass snugly through the holes 12 in the wall 10, and the short prongs 22 have such lengths relative to the spacing between the walls 10 and 14 (FIG. 3) that the prongs 22 may be inserted horizontally through the holes 12 and then rotated to a vertical position in contact with the rear face of the wall 10 and be retained in position when carrying a loaded arm.

The other part of the two-part peg hook comprises a steel wire of suitable size and strength intended to be supported in a substantially horizontal or other suitable position on the wall hook part 20 for carrying goods thereon. This goods carrier part comprises the elongated wire portion 30 which may have an upturned outer end 32 intended to prevent goods from falling off the arm accidentally. The arm 20 may be otherwise shaped, as desired. The inner or wall end of this arm 30 is preferably bent to form a substantially rectangular hooking loop 40 having an outwardly flaring portion 34 connected through a right angle with a depending portion 35. The latter connects through a horizontal portion 36 with another vertical portion 37 which in turn terminates in an inwardly flaring end 38 arranged close to the part 34. This loop is arranged at about a right angle to the arm 30.

As shown particularly in FIG. 3, the cross member 24 of the hook part 20 is so spaced from the vertical prongs 22, relative to the thickness of the wall board 10, that when the prongs 22 are in contact with the wall 10, the hooking loop 40 formed of said parts 34 to 38 inclusive may be inserted between the cross member 24 and the wall 10 and be in a firmly supported contact with both the cross member 24 and the wall 10. That is, any weight on the arm 30 tends to rotate the loop 40 about the cross arm 24 and hold it rigidly against the wall 10. It will also be appreciated that the depending loop 40 of the supporting arm 30 is appreciably long enough vertically to provide a resisting leverage against the wall, which insures that the arm 30 stays in a substantially horizontal or goods supporting position depending, of course, upon the angle between the parts 30 and 40 or the shape of the goods support, which may be widely varied. The horizontal width of the rectangular hooking loop 40 is such that the loop will fit between the two horizontal portions 23 of the L-shaped arms of the hook 20 without permitting material side movement, and the vertical portions 37 and 35 in their contacting with the parts 23 will prevent rotation and dislodgment of the hooking loop 40. The stability of the construction depends partly upon having the two L-shaped arms 22, 23 in spaced arrangement, as determined by the spacing of the wall-board perforations 12, and the rear hooking loop 40 of the upper arm 30 fitting fairly snugly between those arms so that lateral or rotary movement is prevented.

It will now be appreciated that many modifications in shapes, sizes and constructions of the two part peg hook may be made without departing from this invention, and that the drawings and description of a preferred embodiment are not to be interpreted as imposing limitations on the appended claims.

1 claim:

1. In the combination of a wall board having perforations in a spaced arrangement and a peg hook mounted in said perforation, said peg hook being a two-part wire body comprising a removable horizontal prong connected to a cross member, said prongs being insertable through two perforations in the wall board and rotatable
3. A peg hook according to claim 1 in which said parts are made of wire and the hooking member of the goods supporting arm has its hooking end shaped as a loop sized to fit between and be positioned by and contact with said L-shaped prongs and cross member said hooking member being substantially rectangular in shape and having vertical side portions fitting between the L-shaped prongs, a lower horizontal member connecting said side portions which extensively contacts with said wall and upper inturned ends opposite to and spaced from said lower member.

References Cited

UNITED STATES PATENTS

10 3,198,469 8/1965 Callahan 248—223
10 3,275,272 9/1966 Kirk 248—225

FOREIGN PATENTS


CHANCELLOR E. HARRIS, Primary Examiner.

CLAUDE A. LEROY, Examiner.