

Sept. 13, 1960

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2,952,057

Filed July 24, 1958

2 Sheets-Sheet 1

FIG. 1

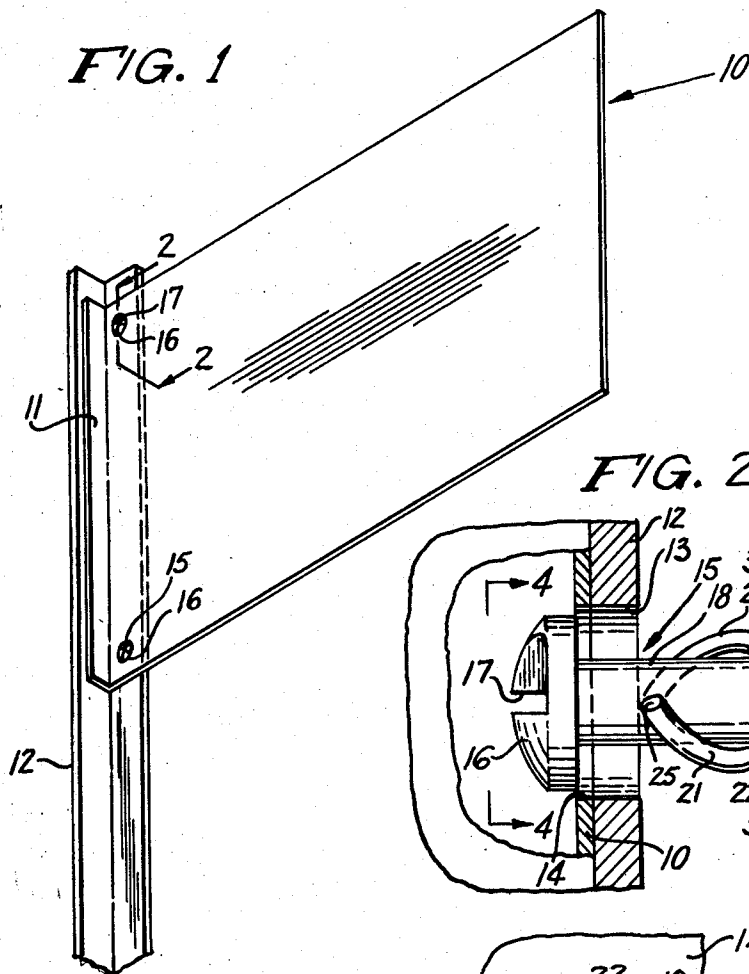


FIG. 2

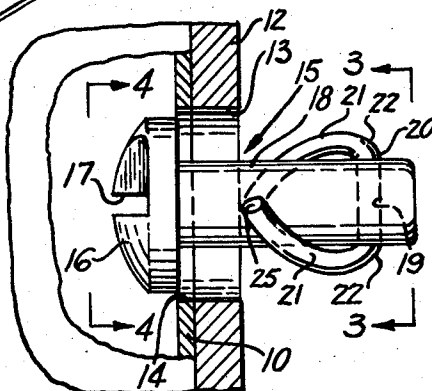


FIG. 3

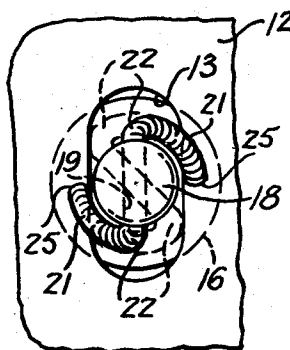
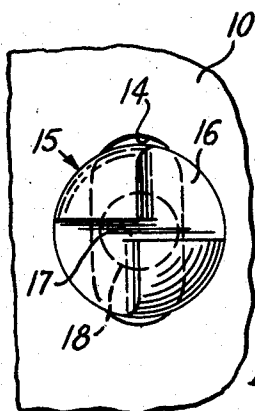


FIG. 4



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2 Sheets-Sheet 2

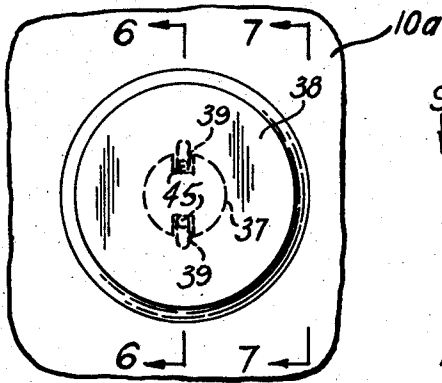


FIG. 5

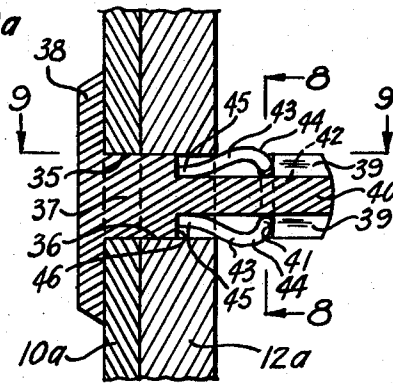


FIG. 6

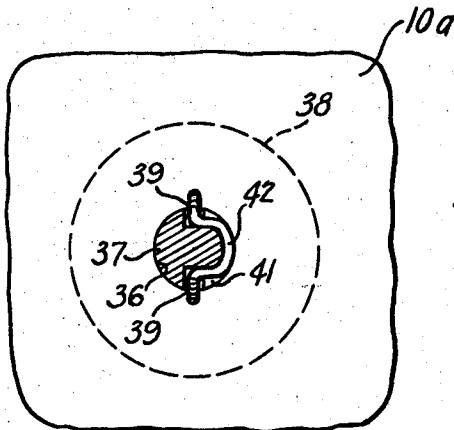


FIG. 8

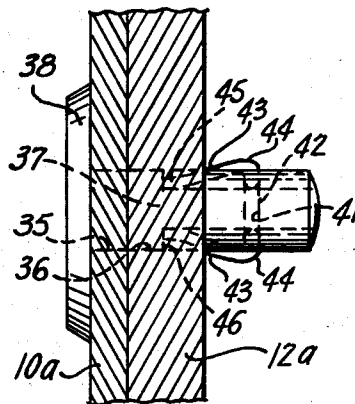


FIG. 7

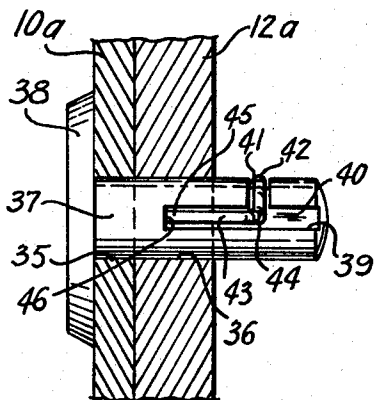


FIG. 9

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Filed July 24, 1958, Ser. No. 753,591

1 Claim. (Cl. 24—221)

This invention relates to a sign, and has as its primary object the provision of a sign structure adapted to be releasably secured to a standard or support, by means of a readily detachable snap fastener.

An important object of the invention is the provision of such a device which may be readily secured to and removed from a standard with a minimum of effort and difficulty.

An additional object of the invention is the provision of a readily inter-changeable sign structure, which is clearly visible from either side.

An additional object of the invention is the provision of such a construction which when assembled and attached is securely held against displacement, but which may be removed by the exertion of force, for the purpose of replacing or inter-changing the sign structure, without the necessity of using a separate poster or standard.

Still another object of the invention is the provision of a sign structure of this nature which is sturdy and durable in construction, reliable and efficient in operation, and relatively simple and inexpensive to manufacture, assemble and utilize.

Still other objects reside in the combinations of elements, arrangements of parts, and features of construction, all as will be more fully pointed out hereinafter and disclosed in the accompanying drawings wherein there are shown preferred embodiments of this inventive concept.

In the drawings:

Figure 1 is a perspective view of one form of sign and standard therefor, shown in assembled position.

Figure 2 is an enlarged sectional view taken substantially along the line 2—2 of Figure 1 as viewed in the direction indicated by the arrows.

Figure 3 is a sectional view taken substantially along the line 3—3 of Figure 2 as viewed in the direction indicated by the arrows.

Figure 4 is a sectional view taken substantially along the line 4—4 of Figure 2 as viewed in the direction indicated by the arrows.

Figure 5 is a fragmentary rear elevational view of a modified form of fastening element adapted to be used with a post and standard as shown in Figure 1.

Figure 6 is a sectional view taken substantially along the line 6—6 of Figure 5 as viewed in the direction indicated by the arrows.

Figure 7 is a sectional view taken substantially along the line 6—6 of Figure 5 as viewed in the direction indicated by the arrows.

Figure 8 is a sectional view taken substantially along the line 7—7 of Figure 5 as viewed in the direction indicated by the arrows.

Figure 9 is a sectional view taken substantially along the line 8—8 of Figure 6 as viewed in the direction indicated by the arrows.

Similar reference characters refer to similar parts throughout the several views of the drawings.

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Having reference now to the drawings in detail, and more particularly to Figure 1, there is generally indicated at 10 a sign, which may be comprised of any desired material, such as sheet metal or the like, and which may carry on its opposite sides any desired indicia.

The sign is provided at one end, preferably with an angularly disposed flange 11, and is adapted to be mounted on a standard or post 12, which in the illustrative embodiment of the invention is disclosed as an angle iron.

Although the sign is shown as secured to a single vertical standard, it will be readily understood that the same may be applied, if desired, to a plurality of vertical standards which may be either of the angle iron type or of other constructions, and may if desired be supported from a horizontal support, rather than secured to the edge of the vertical support.

The standard 12 is provided in one flange with a plurality of spaced apart elongated openings 13, through which are adapted to be extended studs, generally indicated at 15, which also extend through elongated openings 14 in the end portion of the sign. Each of the studs 15 is provided with a head 16, which may have a slot 17 therein, for the reception of a screw driver or similar tool, and also includes a shank 18 of a diameter slightly less than the transverse dimension of the elongated slot. The shank 18 is provided with a transversely extending bore 19, through which extends a resilient wire member 20, the latter being formed with a pair of oppositely disposed substantially identical arms 21, each of which is arcuately bent inwardly as at 22 toward the head 16, and curved arcuately, as best shown in Figure 3 to partially encircle the shank 18. The diameter of the wire members 20 is such as to add thickness to the shank, in such manner that when the parts are in the position as shown in Fig. 3 the ends 25 of the wire portions will overlie the sides of the elongated apertures 13 and 14. The arrangement is such that when the sign is in assembled position, the end portions of the shank closely engage the sides of the opening 13, in such manner as to hold the sign 10 and standard 11 closely in related assembly. Obviously by rotation of the head 16 by means of the slot 17 therein, the extending ends 25 of the wire 20 may be turned to a position such that they will pass through the elongated dimension of the holes 13 and 14, so that the studs may be removed.

A modified form of construction is disclosed in Figures 5 to 9 inclusive, in which figures 10a indicates a sign similar in general configuration to the sign 10, and 12a indicates a standard similar to the standard 12.

In this modification the sign and stud are provided with aligned circular bores 35 and 36 respectively through which is adapted to be extended the shank 37 of the stud which includes a circular stud head 38, which is adapted to be positioned on the outer side of the sign.

The shank 37 has on opposite sides thereof two cutaway portions 39, which form a central rib 40, having grooves formed by the cutaway portion on opposite sides thereof. A transverse arcuate groove 41 connects the grooves 39 at an intermediate point, and is adapted for the reception of the bowed U-shaped portion 42 of a wire, which includes elongated legs 43 having outwardly bowed portions 44, the legs seating in the grooves 39 and extending inwardly so that their ends 45 abut the ends 46 of the grooves 39. The grooves 39 are sufficiently long so that the ends 45 are positioned interiorly of the bore 36 in such manner as to confine the resilient end portions 45 of the wire. In this modification, the stud is adapted to be inserted through the bores 35 and 36, and the wire positioned as shown in the drawings, with the legs 43 extending into the grooves 39, with the transverse groove 41 engaging the U-shaped portion 42 se-

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curely to retain the wire in position, the bowed portions 44 of the legs 43 serving to prevent retraction of the stud.

When it is desired to disassemble the sign, it will be obvious that the wire may be removed from its associated grooves, and the stud pulled out of the bores 35 and 36 to disengage the sign 10a from its associated standard 12a.

From the foregoing it will now be seen that there is herein provided an improved sign which accomplishes all of the objects of this invention, and others, including many advantages of great practical utility and commercial importance.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiments hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

What is claimed is:

A fastener adapted for securing a sign to a support, said sign and support having aligned bores therein, said fastener comprising a headed stud adapted to extend

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through said aligned bores, wires centrally secured to said stud with each wire having a pair of outwardly bowed leg portions, said stud having elongated longitudinal grooves on opposite sides thereof with which said leg portions are aligned and into which the ends of said legs extend, and an arcuate transverse groove intersecting said longitudinal grooves, said wires having a right angled U-shaped portion releasably seating in said arcuate groove.

References Cited in the file of this patent

UNITED STATES PATENTS

1,110,910	Elliot	Sept. 15, 1914
1,139,802	Ridenour	May 18, 1915
1,444,810	Swarts	Feb. 13, 1923
1,654,961	Coffin	Jan. 31, 1928
1,802,939	Buttler	Apr. 28, 1931
2,085,813	Martin	July 6, 1937
2,118,746	Tinnerman	May 24, 1938
2,595,095	O'Connor	Apr. 29, 1952
2,620,538	Poupitch	Dec. 9, 1952
2,659,952	Schlueter	Nov. 24, 1953