March 26, 1940. T. SCHAEFFER 2,194,987

STAND

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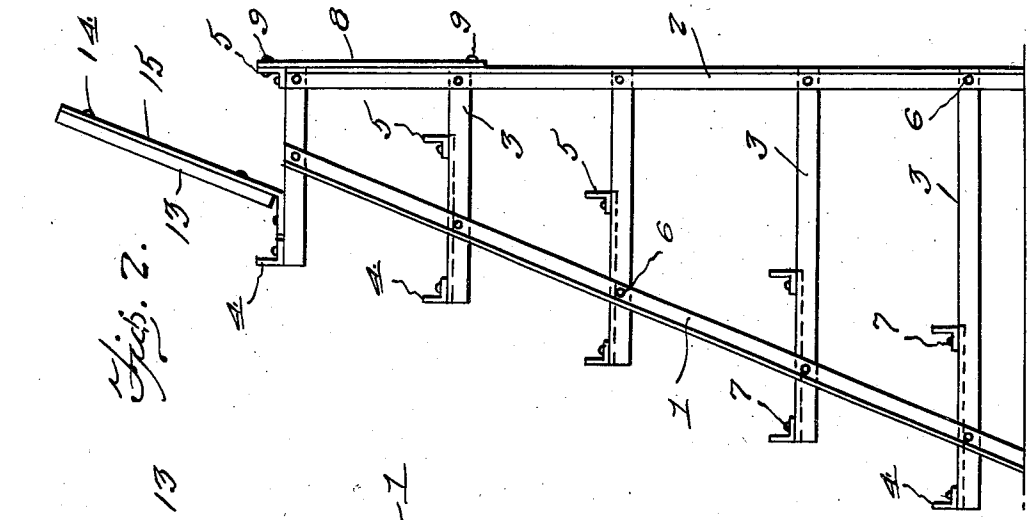


Fig. 2.

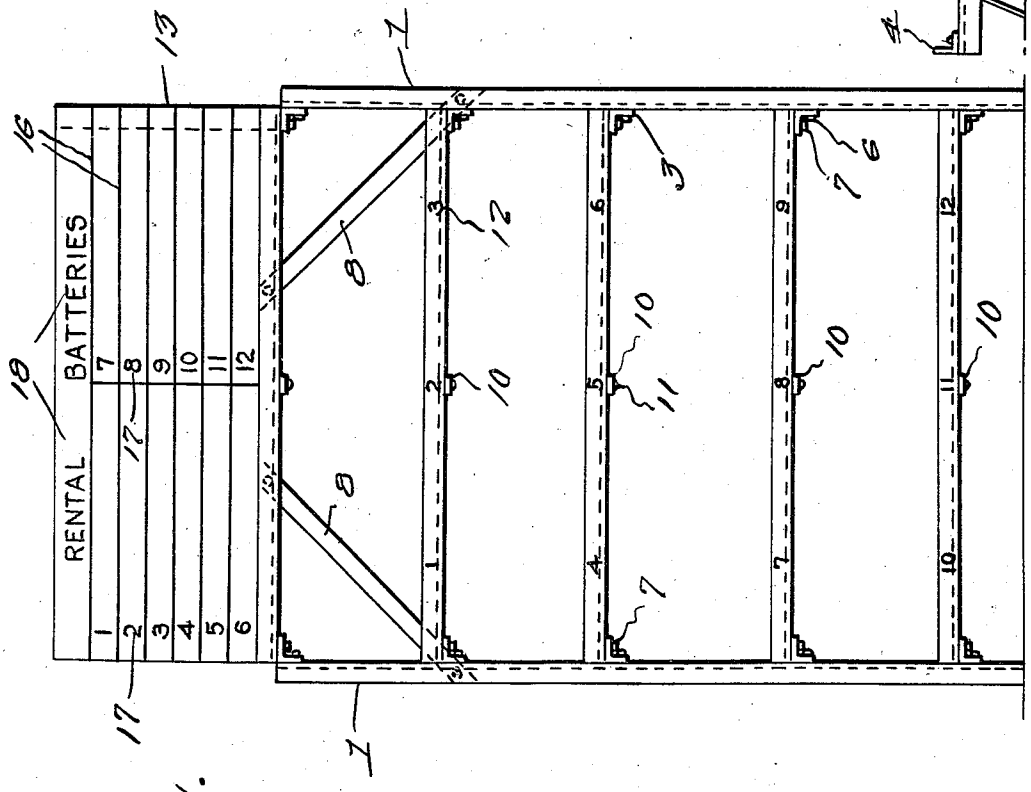


Fig. 1.

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STAND

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1 Claim. (Cl. 211—137)

My invention relates to improvements in stands for use more particularly in service stations, garages and the like.

The invention is designed with the particular purpose in view of providing a combination display and service stand for automobile batteries, either sale or rental, designed to support a large number of batteries within convenient reach for removal and for displaying in attractive arrangement and in any desired location and equipped with record means for identifying sales, or rentals, so that confusion in such transactions will not occur.

Another object is to provide a device of the character and for the purpose above set forth which is strong and durable, will occupy a minimum amount of floor space, is economical to manufacture, and easily kept clean.

To the accomplishment of the above, and subordinate objects presently appearing, a preferred embodiment of my invention has been illustrated in the accompanying drawing, set forth in detail in the succeeding description, and defined in the claim appended hereto.

In said drawing—

Figure 1 is a view in front elevation of the preferred embodiment of the invention, and

Figure 2 is a view in side elevation.

Referring to the drawing by numerals, in the preferred embodiment illustrated, the stand of my invention is a skeleton structure comprising side pairs of front and rear legs 1, 2 respectively, the rear legs 2 being vertical so that the stand may be fitted flat against a wall if desired, and the front legs 1 inclining downwardly and forwardly to lend stability to the stand, horizontal side bars 3 secured to the legs 1 and 2 of each pair, and vertically spaced from top to bottom of the legs in correspondence at opposite sides of the stand to provide pairs of opposed cross braces at said opposite sides, respectively, at the same level in each pair, pairs of parallel front and rear bars 4, 5 extending between the pairs of side bars 3, respectively, on top thereof. The legs 1 and 2, side bars 3, and bars 4 and 5 are all preferably of angle iron form, the side bars 3 being riveted to the legs 1 and 2, as at 6, and the front and rear bars 4, 5 similarly connected to the side bars 3 as at 7. A pair of diagonal corner brace bars 8 of strap-like form are riveted, as at 9, to the topmost rear bar 5 and the rear legs 2. A flat tie bar 10 connects each pair of front and rear bars 4, 5 in the transverse center of the pair and is riveted thereto as at 11. The ends of the side bars 3 extend forwardly of the front legs 1 and successive pair of the said bars 3, from the uppermost downward, are of increased length so that said pairs at their front ends are stepped at the front of the stand. The pairs of front and rear bars 4, 5 are spaced apart, in each pair except the top one, in accordance with widths of selected sizes of batteries, not shown, and turned so that the batteries may be seated therein. The front bar 4 of each pair 4, 5, below the top pair is secured to its related side bars 3 flush with the front ends thereof so that these pairs of bars 4, 5 form the sides of stepped skeleton shelves for supporting the rows of batteries in stepped arrangement. Each of these pairs of bars 4, 5 is designed to support, side by side, a given number of batteries and the front bars 4 are numbered, as at 12, in accordance with the number of batteries the stand will hold so that each battery may have a number corresponding to its location on the stand.

Surmounting the described stand, is an upright rectangular record panel 13 riveted at its ends, as at 14, to a pair of upright bars 15 suitably secured to the top side bars 3 respectively. The panel 13 is lined horizontally, as at 16, and divided centrally by a line 17 to provide right and left-hand column zones for recording of names therein. There are the same number of lines in the two columns as there are battery numbers 12 and the lines 16 are numbered, as at 17, successively in the usual manner in correspondence with the numbering 12 so that by writing in the name of a renter or buyer of a selected battery in the correspondingly numbered line, a record of the transaction may be kept. The panel 13 is of a material from which the writing may be erased. An appropriate legend, as at 18, designates the panel 13 in accordance with the use for which it is designed.

The foregoing will, it is believed, suffice to impart a clear understanding of my invention without further explanation.

Manifestly, the invention, as described, is susceptible of modification without departing from the inventive concept and right is herein reserved to such modifications as fall within the scope of the subjoined claim.

What I claim is:

A stand for automobile batteries comprising a skeleton frame of angle iron bars including front and rear corner legs forming end pairs, the front legs inclining upwardly and rearwardly, vertically spaced end cross bars of progressively shorter lengths from bottom to top connecting

each pair of legs together and extending forwardly of the front legs of the pairs with the front ends thereof terminating in stepped formation, the cross bars being spaced to provide opposed pairs at the same level on opposite pairs of front and rear legs, respectively, longitudinal front bars secured at the ends thereof on top of said pairs of cross bars, respectively, flush with the outer ends thereof, and similar longitudinal bars secured at the ends thereof on top of said pairs of cross bars, respectively, in the rear of the longitudinal bars first mentioned, said front and rear longitudinal bars being L-shaped in cross section and being so disposed on the cross bars as to jointly provide seats fitting around opposite edges of the batteries disposed therebetween.

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