No. 800,031. PATENTED SEPT. 19, 1905.

J. TRAVIS.

STREET SIGN.

APPLICATION FILED JAN. 30, 1905.

Fig. 1.

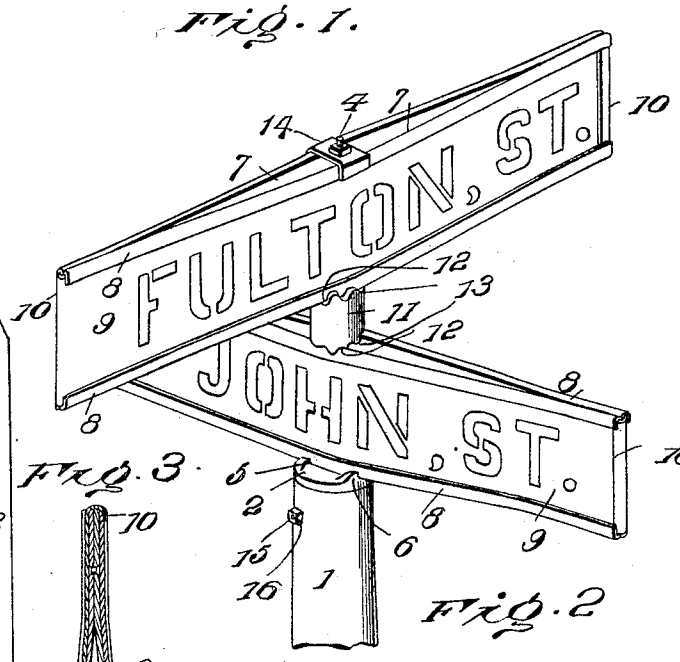


Fig. 4.

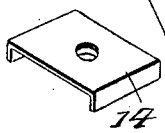


Fig. 3.

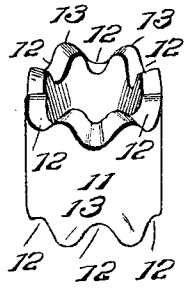
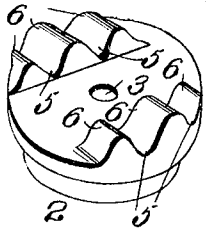


Fig. 2.



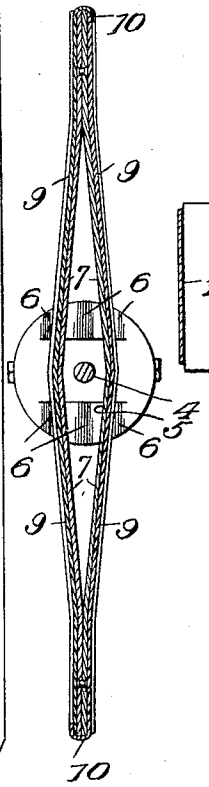
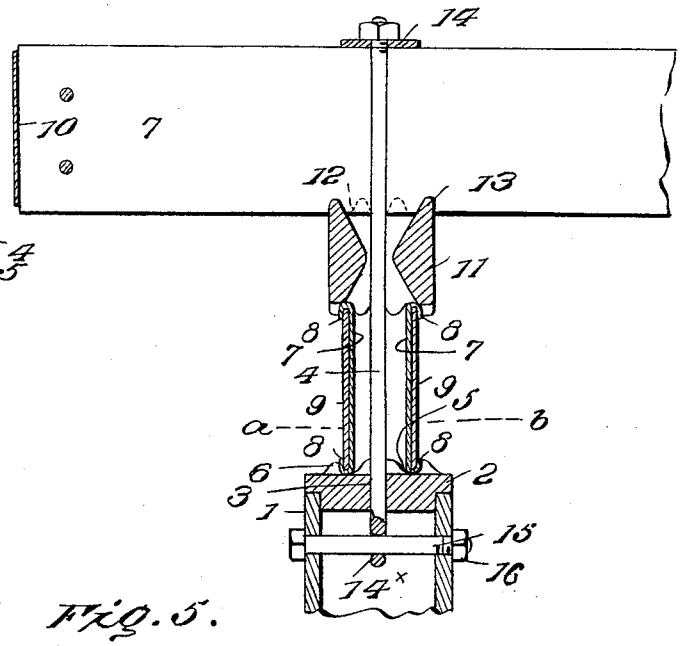
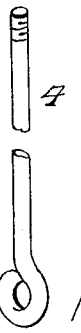


Fig. 5.







Witnesses

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UNITED STATES PATENT OFFICE.

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STREET-SIGN.

No. 800,031. Specification of Letters Patent. Patented Sept. 19, 1905.

Application filed January 30, 1905. Serial No. 243,249.

To all whom it may concern:

Be it known that I, JEROME TRAVIS, a citizen of the United States, and a resident of Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Street-Signs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to certain new and useful improvements in that class of signs employed for designating streets, and particularly to that type illustrated and described in Letters Patent No. 716,098, granted December 16, 1902, to Frederick K. Plumbly, and which involves the employment of two sets of sign-plates held in predetermined relation to one another upon the top of a post or other suitable support by means of a central stem and binding-nut, with intermediate devices for preserving the established relation between the two sets of sign-plates.

My invention has for its object to provide signs of the character referred to which shall be economic in construction and maintenance, readily set up, and capable of varying adjustments to any angles at which the streets to be designated may intersect.

My invention also has for its object to provide a construction by which different designations may be readily substituted one for another at a minimum cost and by which such signs may be quickly and economically brightened or made prominent.

With these ends in view my invention consists in the details of construction and arrangement hereinafter more fully set forth.

In order that those skilled in the art may know how to make and erect my improved signs and fully appreciate all the advantages of the same, I will proceed to describe my improved sign, referring by numerals to the accompanying drawings, in which—

Figure 1 is a perspective view showing two of the signs adjusted with reference to one another and secured in rigid position upon the top of a suitable supporting-post. Fig. 2 is a vertical section with the upper sign in elevation. Fig. 3 is a horizontal section taken on the line *a b* of Fig. 2. Fig. 4 is a perspective view of the saddles and riders and binding bolt or stem employed for securing the sign-plates in fixed position, and Fig. 5 is a top edge view of one of the stencil-plates employed in connection with the backing or supporting plates.

Similar reference-numerals indicate like parts in the several figures of the drawings.

1 is an ordinary hollow post, upon the top of which is located a saddle 2, reduced in diameter on the lower side to fit within the post, as clearly shown in Fig. 2, and formed with a central orifice 3 for the passage of a securing bolt or stem 4. The upper surface of this saddle is formed with grooves 5 between raised ribs 6 for the purpose presently explained.

7 7 are two backing-plates riveted together at their ends and sprung apart centrally to permit of the passage of the securing bolt or stem 4, and the longitudinal edges of these plates are turned over, as shown at 8, Fig. 2, to form grooves or recesses for the reception of stencil-plates 9, each of which has one of its ends returned, as shown at 10, Fig. 3, to constitute a stop for properly locating said plates. The stencil-plates 9 are cut or punched with any desired inscription and are painted or otherwise colored to contrast with the backing-plates 7. The lower edges of the backing-plates are located within the grooves 5 in the top surface of the saddle 2, and 11 is a hollow rider having its top and bottom surfaces formed with diametric grooves 12 between ribs or projections 13. The grooves 12 on the under side of this rider are adapted to receive the upper edges of the lower set of backing-plates 7, and the grooves 12 in the upper surface are adapted to receive and constitute a saddle for the lower edges of the upper set of backing-plates 7, and as the grooves 12 are diametric and radial it will be readily seen that the upper set of backing-plates may be located at variable angles to the lower set of backing-plates and according to the angle of intersection of the streets which the signs are used to designate.

14 is a cap-piece with its ends turned down and adapted to fit over the upper edges of the upper set of backing-plates and is formed with a central orifice for the passage of the screw-threaded end of the bolt or stem 4. The lower end of the bolt or stem 4 is formed

with a hook or eye $14^{\times}$, through which is passed a bolt 15, located in the upper end of the hollow post 1, which is held in fixed position by a nut 16. When the several parts are arranged as already described, they are fixed and held in adjusted relation by means of a nut 16 on the threaded upper end of the bolt or stem 4 in an obvious manner.

By reason of the peculiar construction of the rider 11, interposed between the two sets of backing-plates, the latter may be readily adjusted at any desired angle to each other, and as the backing-plates are formed with overturned edges 8, constituting grooves to receive the edges of the stencil-plates, the latter may be readily removed when it is desired to refresh the signs by repainting or coloring the said stencil-plates and also the backing-plates. The returned ends of the stencil-plates not only serve to properly locate the same, but likewise constitute a hand-grip by which the stencil-plates may be readily withdrawn from the backing-plates. The overturned edges of the backing-plates in addition to serving as grooves for the reception of the stencil-plates also serve to strengthen such backing-plates, and hence sheet metal of a thinner gage and of less cost may be used than would be otherwise necessary.

I am aware that the generic idea of a stencil-plate located upon a contrasting backing to produce a sign is not new, and I therefore do not claim any such construction broadly; but

What I claim as new, and desire to secure by Letters Patent, is—

1. A sign comprising two backing plates or holders secured back to back and having their longitudinal edges folded outwardly to constitute parallel grooves for the reception of stencil-plates, and two stencil-plates located one within each of the parallel grooves of the backing plates or holders, said backing plates or holders and the stencil-plates being of contrasting colors, substantially as and for the purpose set forth.

2. A sign comprising two backing plates or holders secured back to back and having their longitudinal edges folded outwardly to constitute parallel grooves; two stencil-plates located one within each of parallel grooves of the backing plate or holder and each of said stencil-plates having one of its ends returned to overlap the adjacent end of the other stencil-plate to limit the longitudinal movement of said plates and to also constitute a hand-grip by means of which said plates may be manipulated as hereinbefore set forth.

3. In a street-sign such as described, in combination with a supporting-post and a stem secured at its lower end to said post and threaded at its upper end; two spaced sign-plates; a saddle mounted upon the post and grooved upon its upper surface to receive the edges of the lower sign-plate; a rider having its lower surface grooved and mounted upon the upper edges of the lower sign-plate and having its upper surface formed with diametric radial grooves to receive the lower edges of the upper sign-plate; a cap-piece located upon the upper edges of the upper sign-plate, and a nut secured upon the threaded upper end of the stem, whereby all the parts are secured together in predetermined relation, substantially as hereinbefore set forth.

In witness whereof I have hereunto signed my name to this specification in the presence of two subscribing witnesses.

JEROME TRAVIS.

Witnesses:
MARY I. SHAY,
C. W. OWEN.