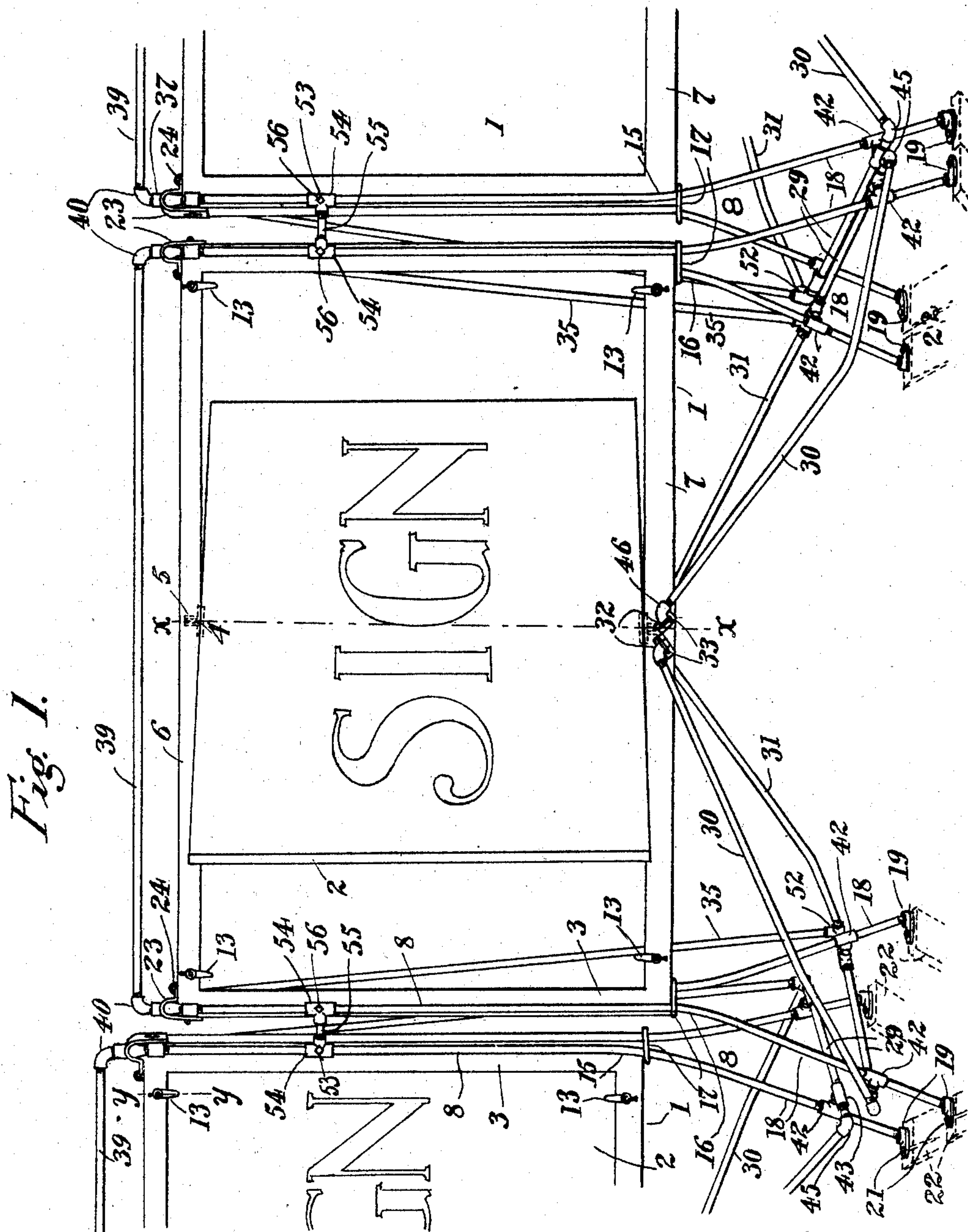


928,534.

2 SHEETS--SHEET 1.



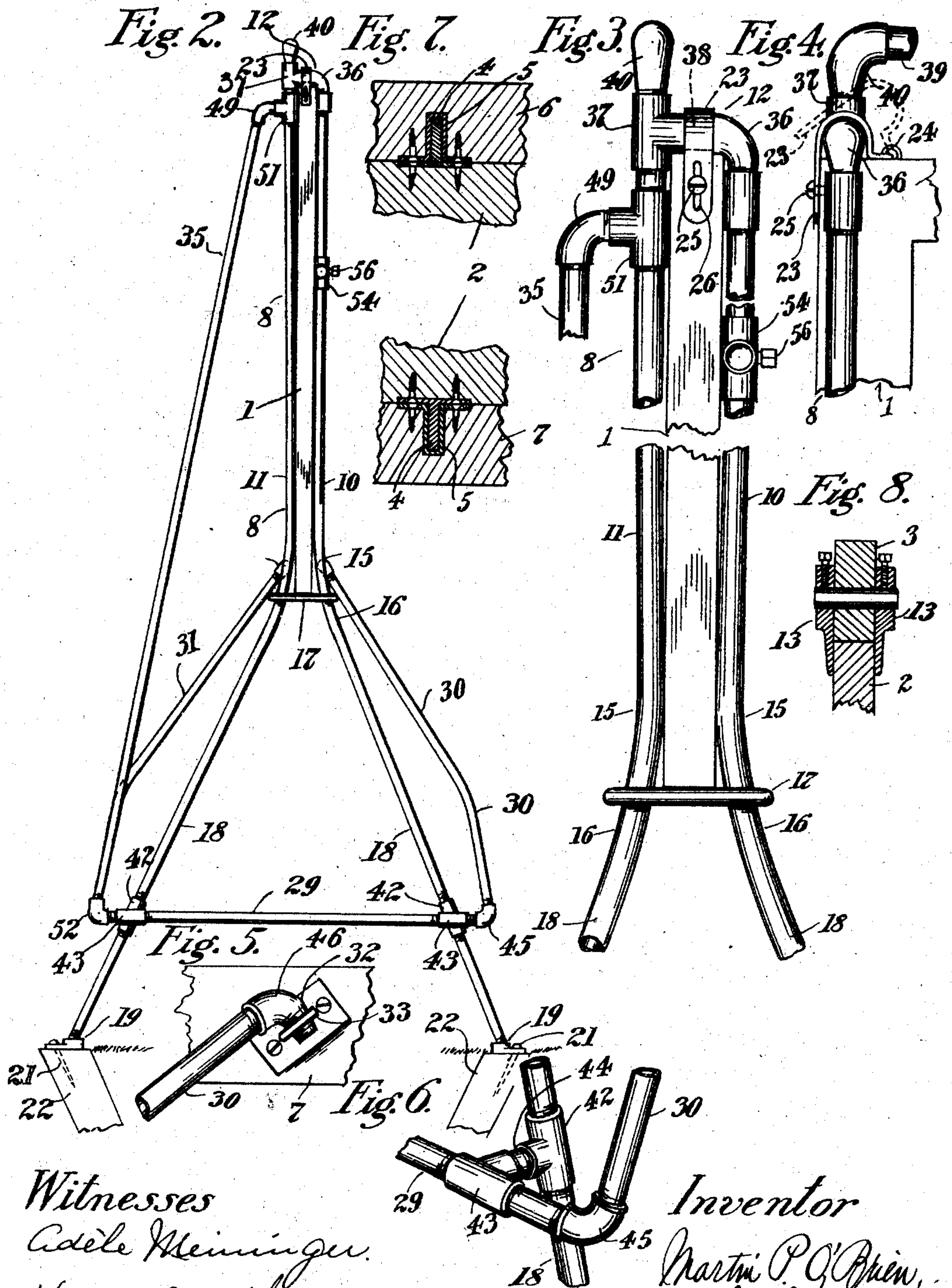
Witnesses
Adèle Weiringer.
Homer Bradford.

Inventor
Martin P. O'Brien,
By N. P. Herbsleb,
his Attorney.

M. P. O'BRIEN.
SIGN BOARD STRUCTURE.
APPLICATION FILED JUNE 27, 1908.

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2 SHEETS—SHEET 2.



Witnesses
Adele Meininger.
Homer Bradford

Inventor
Martin P. O'Brien,
by J. P. Verkleb,
Attorney.

UNITED STATES PATENT OFFICE.

MARTIN P. O'BRIEN, OF NORWOOD, OHIO.

SIGN-BOARD STRUCTURE.

No. 928,534.

Specification of Letters Patent.

Patented July 20, 1909.

Application filed June 27, 1908. Serial No. 440,636.

To all whom it may concern:

Be it known that I, MARTIN P. O'BRIEN, a citizen of the United States, residing at Norwood, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Sign-Board Structures, of which the following is a specification.

My invention relates to sign-board structures, and has for its object the providing of a sign-board structure which is readily erected or taken apart and moved from place to place without detriment to the same, further the providing of a sign-board so mounted as to be readily reversed for exposing either side thereof to a given direction of view, and further the mounting of the sign-board so that the weight thereof may serve to clamp it in position, and the invention will be readily understood from the following description and claims, and from the drawings, in which latter:

Figure 1 is a perspective view of my improved device showing one of my improved sign-board structures with the sign thereof partially turned, and showing the manner in which the sign-board structures may be placed end for end in connected relation. Fig. 2 is an end elevation of my improved device. Fig. 3 is an enlarged view in end elevation, partly broken away, showing the manner of securing the sign-board in place. Fig. 4 is a detail of the upper end of the end-support shown in front elevation. Fig. 5 is a detail in front elevation showing the releasable connection between the lower diagonal brace and the sign-board. Fig. 6 is a detail in perspective showing the connection between the lower diagonal brace and the end-support at the front of the latter. Fig. 7 is a vertical section on a line corresponding to the line $x-x$ on Fig. 1, partly broken away, showing the pivotal connection of the sign with its frame; and, Fig. 8 is a detail in vertical section on the line $y-y$ of Fig. 1 showing the catch for holding the swinging sign to its frame.

1 represents the sign-board. This sign-board may be an integral sign-board as shown in the sign-board structure broken away at the right hand end of Fig. 1. If desired, the sign-board may comprise the sign 2 and frame 3, the sign 2 being pivoted to the frame so as to swing therein for the purpose of exposing either side thereof in a given

direction of view, as by providing trunnions 4 shown as extending up and down and secured to the sign and journaled in bearings 5 shown secured to the frame, as on cross-pieces 6 7 which extend between the end-supports 8 of the sign-board structure, these end-supports comprising a pair of uprights 10 11, connected at the top by a yoke 12. Catches 13 at the corners of the frame are received about the corners of the sign for holding the sign in position in the frame. The uprights are provided with outward bends 15 adjacent the lower ends of the sign for providing outwardly flaring faces 16. A link 17 is received about the uprights and rests upon the outwardly flaring faces, the sign-board in turn resting upon said links between said uprights at each end of the sign-board, the weight of the sign-board causing the links to press downwardly upon said outwardly flaring faces and thereby pressing the uprights against the sign-board. These outwardly flaring faces preferably extend past the lower edge of the sign-board, up and down, so as to provide intimate contact between the uprights and the sign-board. The outward flaring of the uprights continues downwardly for forming the legs 18 of the end-supports, which preferably terminate in feet 19 provided with apertures through which spikes 21 may be driven into blocks 22 secured in the ground.

Clips 23 are pivotally secured to the respective upper corners of the sign-board, as by staples 24, and are received about the yoke 12 and secured to the upper end faces of the sign-board by screws 25 received into the board through slots 26 in said clips. The legs of the end-supports are connected adjacent their bottoms by cross-braces 29 which merge into diagonal front and rear braces 30 31 for connecting each end-support with the cross-piece 7, the inner ends of these diagonal braces being provided with keepers 32 received in eyes 33 secured to said cross-piece 7. The upper ends of the end-supports are also preferably connected by a connecting-member 39. Struts 35 may also be provided between the upper ends of the end-supports and the cross-braces at the respective ends of the sign-board structure.

My sign-board structure forms a rigid construction, which is easily erected, and taken apart, and moved from place to place, and further forms a structure which is pleasing

to the eye, and which provides a space under the sign-board which is readily accessible for being kept trim and clean.

For aiding in erecting and dismantling the sign-board structure I prefer that the framing thereof shall be made of piping and fittings therefor. Thus the uprights 10 11 of the end-supports may be made of pipes which are bent at the outward bends 15, and the upper yoke connection therebetween may comprise the L-fitting 36 and T-fitting 37 with the nipple 38 between said fittings, the said T-fittings 37 of the respective end-supports being connected by the pipe 39 having the L-fittings 40 received by the T-fittings 37. The legs 18 may have the T-fittings 42 intermediate of their ends, which are connected with the T-fittings 43 of the cross-braces 29 by the nipples 44, the diagonal braces 30 being connected with said cross-braces by the L-fittings 45. The strut 35 may embrace a pipe having the L-fitting 49 at its upper end, the reducing end of which is received by the T-fitting 51 near the upper end of the uprights 11 the said pipe being received at its lower end in the 3-way-fitting 52 which also receives the pipes of the cross-brace 29 and rear diagonal brace 31. The ends of said diagonal braces 30 31 have reducing L-fittings 46, the reduced ends of which are received by the eyes 33.

The adjacent end-supports of adjacent sign-board structures when arranged end for end may be connected by the connecting-pieces 53, which I have shown as comprising the sleeves 54 connected together by the nipples 55, the sleeves being adjustable on the uprights 10 and held in place by set screws 56. By means of this construction the sign-board structures may be placed end to end in a straight line, as shown in the right hand end of Fig. 1, or at an angle to each other and at different elevations depending on the condition of the ground, as shown at the left hand end of Fig. 1.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is:

1. In a sign-board structure, the combination of end-supports, a sign-board between said end-supports and having releasable connection therewith, and releasable diagonal braces between said sign-board and said respective end-supports, said braces connecting with said end-supports below said sign-board and extending diagonally upward from said respective end-supports inwardly to said sign-board for relatively bracing said sign-board and end-supports, substantially as described.

2. In a sign-board structure, the combination of end-supports, upper and lower cross-pieces between said end-supports, a sign pivoted to said cross-pieces, and diagonal braces secured to said end-supports and having re-

leasable connection with the lower one of said cross-pieces.

3. In a sign-board structure the combination of end-supports, upper and lower cross-pieces connecting said end-supports, a sign having pivotal connection with said cross-pieces, and diagonal braces releasably secured between said lower cross-pieces and end-supports, the said pivotal connection of said sign with said lower cross-pieces being between the points on said lower cross-pieces at which said diagonal braces are secured thereto.

4. In a sign-board structure, the combination of a sign-board comprising a frame and a sign having pivots therebetween extending up and down, end-supports comprising uprights connected at their tops and provided with outwardly flaring faces adjacent the bottom of said sign-board, a link for each of said end-supports received about said flaring faces and serving as supports for said sign-board, diagonal braces between said end-supports and said sign-board, said diagonal braces having releasable connection at their inner ends with said sign-board adjacent the lower one of said pivots between said frame and sign, and a connecting member rigidly connecting the tops of said end-supports, substantially as described.

5. In a sign-board structure, the combination, with a sign-board, of an end-support for each end of said sign-board, said end-supports respectively comprising uprights between which the respective ends of said sign-board are received, said uprights of each of said end-supports having outwardly flaring faces adjacent the bottom of said sign-board, a link received about said flaring faces at each end of said sign-board, said links serving as supports for said sign-board and arranged to bear downwardly upon said outwardly flaring faces by the weight of said sign-board for pressing said uprights toward said sign-board, substantially as described.

6. In a sign-board structure, the combination with a sign-board, of end-supports therefor comprising uprights connected at their tops and provided with outwardly flaring faces adjacent the bottom of said sign-board, a link for each of said end-supports received about said flaring faces and serving as supports for said sign-board, and diagonal braces between said end-supports and said sign-board, said diagonal braces having releasable connection at their inner ends with said sign-board.

7. In a sign-board structure, the combination, with a sign-board, of end-supports therefor comprising uprights connected at their tops and provided with outwardly flaring faces adjacent the bottom of said sign-board, a link for each of said end-supports received about said flaring faces and serving as supports for said sign-board, diagonal

braces between said end-supports and said sign-board, said diagonal braces having releasable connection at their inner ends with said sign-board, and a connecting member rigidly connecting the tops of said end-supports.

8. In a sign-board structure, the combination, with a sign-board, of end-supports therefor comprising uprights connected at their tops and provided with outwardly flaring faces adjacent the bottom of said sign-board, a link for each of said end-supports received about said flaring faces and serving as supports for said sign-board, diagonal braces between said end-supports and said sign-board, said diagonal braces having releasable connection at their inner ends with said sign-board, a connecting member rigidly connecting the tops of said end-supports, and a diagonal strut connecting the upper and lower ends of said respective end-supports.

9. The combination of sign-board structures located end to end and respectively comprising sign-boards and lateral end-supports for the same comprising pipe uprights, and a connecting member between adjacent

uprights of laterally adjacent end-supports of said sign-board structures located end to end for securing adjacent sign-board structures together end to end.

10. The combination of sign-board structures respectively comprising sign-boards and end supports for the same comprising pipe uprights, and an adjustable connecting member between adjacent uprights of adjacent end-supports for securing adjacent sign-board structures together, said adjustable connecting member comprising sleeves received about said respective adjacent uprights, a nipple between said sleeves, and set-screws for said respective sleeves for adjustably securing said respective sleeves to said respective uprights, substantially as described.

In testimony whereof, I have subscribed my name hereto in the presence of two subscribing witnesses.

MARTIN P. O'BRIEN.

Witnesses:

CONSTANT SOUTHWORTH,
ADELE MEININGER.