A. T. BARNES.

SIGN GATE.

APPLICATION FILED JULY 13, 1921.

1,412,769.

Patented Apr. 11, 1922.

2 SHEETS—SHEET 1.

Fig. 1.

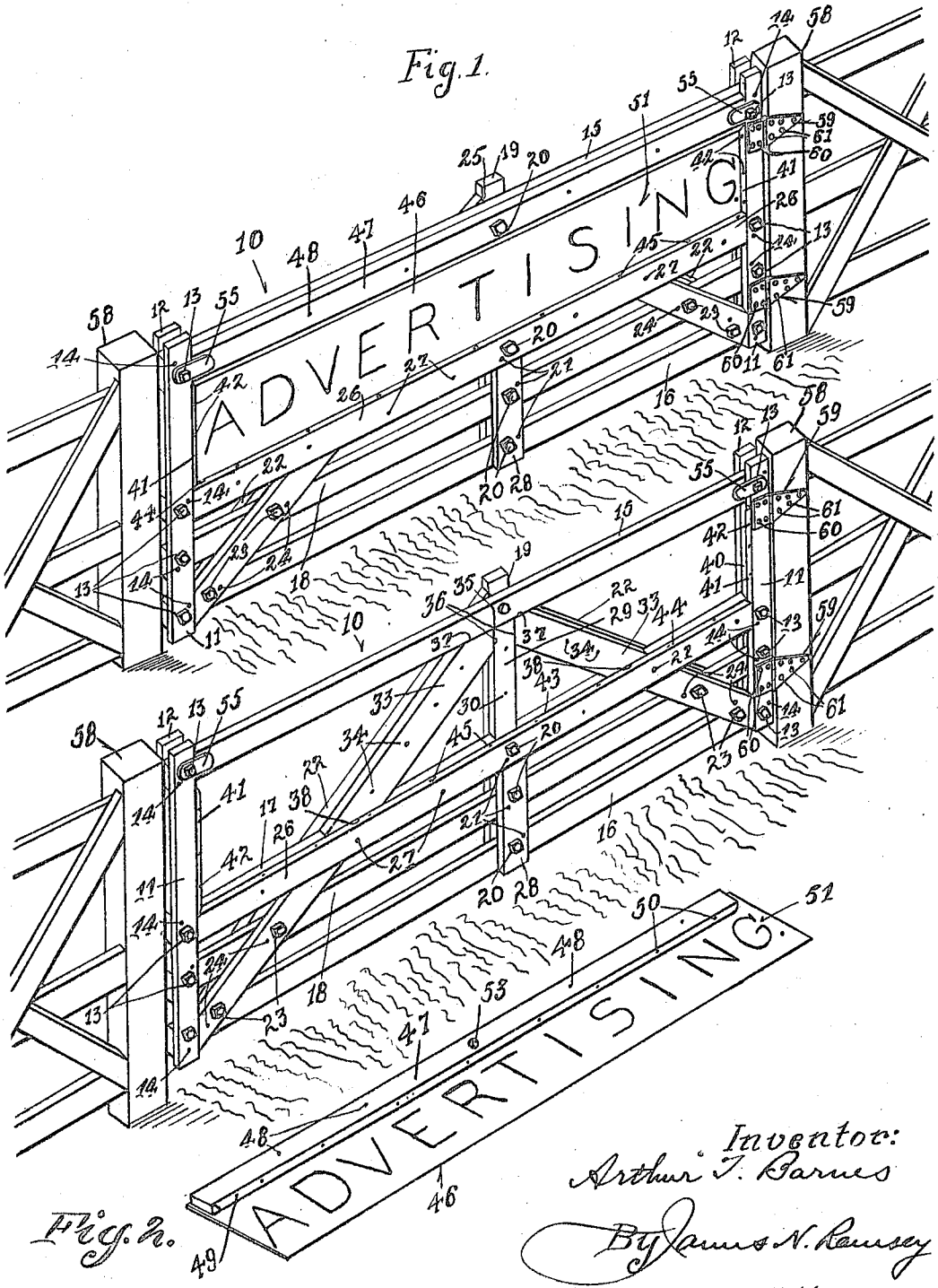


Fig. 2.

Inventor:
Arthur T. Barnes
By James N. Ramsey
Attorney.

A. T. BARNES.

SIGN GATE.

APPLICATION FILED JULY 13, 1921.

1,412,769. Patented Apr. 11, 1922.

2 SHEETS—SHEET 2.

Fig. 3.

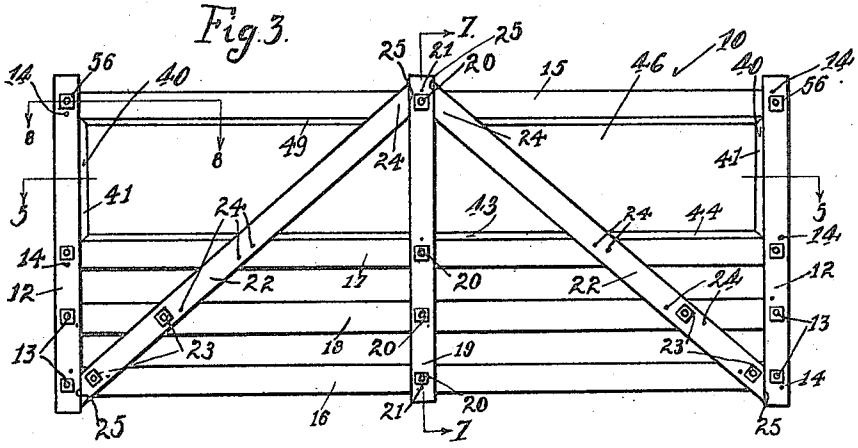


Fig. 4.

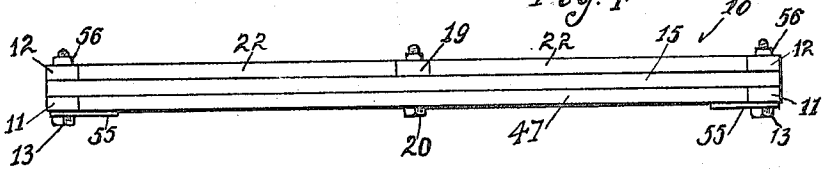


Fig. 5.

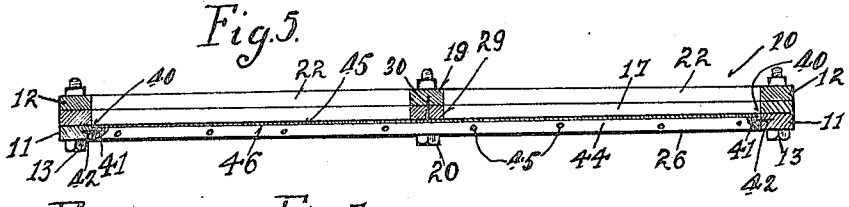


Fig. 6.

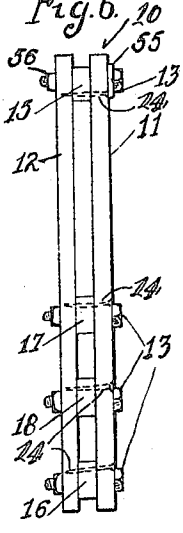


Fig. 7.

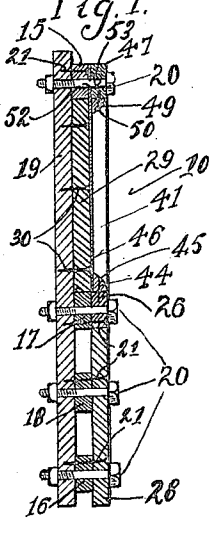
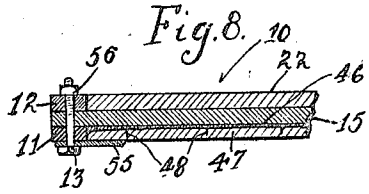


Fig. 8.



Inventor:
Arthur T. Barnes
By James N. Ramsey
Attorney.

UNITED STATES PATENT OFFICE.

ARTHUR T. BARNES, OF COVINGTON, KENTUCKY, ASSIGNOR TO EARL R. PARKS, OF COVINGTON, KENTUCKY.

SIGN GATE.

1,412,769. Specification of Letters Patent. Patented Apr. 11, 1922.

Application filed July 13, 1921. Serial No. 484,444.

To all whom it may concern:

Be it known that I, ARTHUR T. BARNES, a citizen of the United States, residing in the city of Covington, in the county of Kenton and State of Kentucky, have invented certain new and useful Improvements in Sign Gates, of which the following is a specification.

My invention relates to gates having removable signs thereon, adapted to display advertising matter.

It is the object of my invention to provide a substantially constructed gate for use in drive-ways of country places and the like, having a means thereon of carrying removable sign plates adapted to display advertising matter.

My invention consists of a frame capable of serving as a gate and having means embodied therein adapted to releasably carry sign plates on which advertising matter may be displayed, also in the particular construction of the gate whereby great strength and durability is obtained.

My invention further consists in the parts and combination and arrangement thereof as herein described and claimed.

In the drawings:

Fig. 1 is a perspective view of my improved gate shown mounted in a driveway and having one of the removable sign plates therein;

Fig. 2 is a similar view but showing the sign plate removed therefrom;

Fig. 3 is a rear elevation thereof;

Fig. 4 is a plan view of the same;

Fig. 5 is a horizontal cross section taken on the line 5—5 of Fig. 3;

Fig. 6 is an end elevation of my improved device;

Fig. 7 is a vertical cross section taken on the line 7—7 of Fig. 3; and

Fig. 8 is a detail in cross section showing the means for clamping the ends of the removable sign plate in place and taken on the line 8—8 of Fig. 3.

In the embodiment of my invention as illustrated, a frame 10 comprises front end batons 11 and rear end batons 12 which have secured between them as by bolts 13 and nails 14, upper rail 15, bottom rail 16. central rail 17, and intermediate rail 18. A rear central baton 19 is secured to the upper rail 15, bottom rail 16, central rail 17 and intermediate rail 18 by bolts 20 and nails 21. Diagonal braces 22 extend from the upper end of the rear central baton 19 to the lower end of the rear end batons 12 and are secured to the rails 15, 16, 17 and 18 by bolts 23 and nails 24. The ends of the diagonal braces are beveled as shown at 25 so as to form close connection with the batons. A strip 26 of substantially the same size as the central rail 17, is secured thereto as by nails 27 and additionally held in place by one of the bolts 20. A short baton 28 extends from this strip to the lower rail and is held in place by the bolts 20 and nails 21. A strip 29 is secured as by nails 30 on the front side of the central baton 19 and extends from the upper rail 15 to the central rail 17. Reinforcing pieces 33 are secured as by nails 34 to the front side of the diagonal braces 22, and extend from the point at which the diagonal brace 22 passes the rail 17, to the corner 35 formed by the upper rail 15 and the strip 29. The reinforcing pieces 33 have their upper ends beveled as shown at 36 and 37 in order that the end may closely fit into the corner 35. The lower end of these reinforcing pieces are beveled as shown at 38 in order to closely fit against the middle rail 17.

Side slots 40 are formed by strips of molding 41 secured by nails 42 to the inside edges of the front end batons 10 and extend from the strip 26 to a point in line with the lower edge of the upper rail 15. A bottom slot 43 is formed by a strip of moulding 44 secured to the upper edge of the strip 26 by nails 45, and extends from end to end of the strip.

A sign plate 46 preferably of sheet metal has secured thereto a stiffening rail 47 as by nails 48, whereby it is held against bending. A strip of moulding 49 is secured by nails 50 in the corner formed by the rail and sign plate and forms a portion of the finish for the sign. Advertising display matter indicated at 51 may be placed on the sign plate.

The sign plate 46 is inserted with its side edges in the side slots 40, its lower edge entering the slot 43, the upper one of the bolts 20 being previously removed. The plate 46 has a hole 52 therein in substantial alignment with a hole 53 in the stiffening rail 47. After the sign plate is in place the upper bolt 20 is replaced also passing

through the holes 52 and 53, which holds the sign plate in place.

To further aid in holding the sign in place, clamp pieces 55 rockable about the uppermost of the bolts 13, are forced against the ends of the stiffening rail 47 as by nuts 56 of the uppermost of the bolts 13, which effectively secures the sign plate against dislodgement.

The frame 10 may be hung between gate posts 58, as on hinges 59 secured to the frame by screws 60 and to one of the posts by screws 61. In use it is intended to distribute these gates gratis or at a nominal cost to owners of country places having drive-ways facing main thoroughfares, however, reserving the right to place advertising matter thereon. In this manner quite a number of these gates may be distributed over a section of country. It is further the intention to have a number of these sign plates with various advertising legends thereon. This space on the sign plate may then be sold for a definite period, with the understanding that a different legend is to be placed thereon at various intervals of time. The sign plate being readily removable by means of the clamp pieces 55, and the upper bolt 20 permits the sign plate to be rapidly interchanged. In this way a continually varying display of advertising is obtained.

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

1. In a sign gate, a frame adapted to serve as a gate and having horizontal and vertical slots therein opening upwardly, a sign plate inserted therein from the top and clamping means whereby said sign plate is removably held therein against accidental or unintentional removal.

2. In a sign gate, a frame adapted to serve as a gate comprising a plurality of horizontal rails, a plurality of front and rear batons connecting said rails and secured thereto, a brace extending from each lower corner of the frame upwardly and inwardly and connecting and supporting said horizontal rails, said frame having a slot extending from its top downwardly, a sign plate adapted to be inserted in said slot and means for detachably holding it therein.

3. In a sign gate, a frame comprising a plurality of horizontal and upright members secured together and braces extending from each lower corner upwardly and inwardly, said frame having a slot extending from its top downwardly and a detachable sign plate inserted in said slot.

4. In a sign gate, a plurality of horizontal and vertical members secured together and suitably braced and having a slot extending from its top downwardly, a sign plate adapted to be inserted in said slot and having a reinforcing strip mounted upon its upper part and adapted to form the upper border or frame for said sign plate.

5. In a sign gate, a frame comprising a plurality of horizontal and vertical members suitably secured together and braced from each end and having a slot extending from its top downwardly therein, a sign plate, having a stiffening member inserted in said slot and clamp pieces pivotally mounted on the upright members and adapted to be moved inwardly over the edge of said stiffening member to detachably hold said sign plate therein.

6. In a sign gate, a plurality of horizontal members spaced apart from each other in vertical relation, a plurality of vertical members embracing said horizontal members at each end and secured to said respective vertical members, a central vertical member secured to each of said horizontal members on one side and a vertical member secured to the two lower horizontal members and supporting the middle horizontal member whereby an open space is formed across the upper part of the frame on one side, said frame having a slot extending from its top downwardly therein, a sign plate having a reinforcing border at its top and pivotally mounted clamps on said end upright members adapted to be swung inwardly into engagement with said stiffening border, substantially as set forth and for the purposes specified.

7. In a sign gate having a space across its top in which to display a sign, a slot surrounding said space and a sign plate adapted to engage said slot and means for supporting said plate therein.

8. In a sign gate, a frame having horizontal and vertical members securing said horizontal members thereto in spaced apart relation from each other and having a space across its top within which to display a sign, a sign plate mounted therein and braces from each lower corner extending upwardly and inwardly to support said gate from each end whereby said gate may be swung from either end.

9. In a sign gate, a frame comprising a top rail, a bottom rail, a central rail, and an intermediate rail between said central rail and said bottom rail, front batons and rear batons joining said rails at their ends, a rear baton joining said rails on one side intermediate of said end batons, a front baton joining said bottom rail, intermediate rail and central rail on the side opposite to said last named baton and in line therewith, diagonal braces extending from said rear end batons to said central baton, a strip secured to the front side of said central rail extending from said front baton at one end to said front baton at the other end, a strip secured to said rear central baton extending from said top rail to said central rail, diago-

nal strips secured to said diagonal braces extending from said top rail to said central rail, front diagonal braces extending from said first named strip to said front batons at the ends of said rails, moulding secured to said first named strip to form a bottom slot, mouldings secured to said front batons joining the ends of said rails to form side slots, means for securing said batons, rails and diagonal braces in position, a sign plate and means for securing said sign plate in said slots, all substantially as set forth and for the purposes specified.

ARTHUR T. BARNES.