(No Model.)

# W. W. CASE.

## GUIDE BOARD.

No. 354,303. Patented Dec. 14, 1886.

Fig. 1.

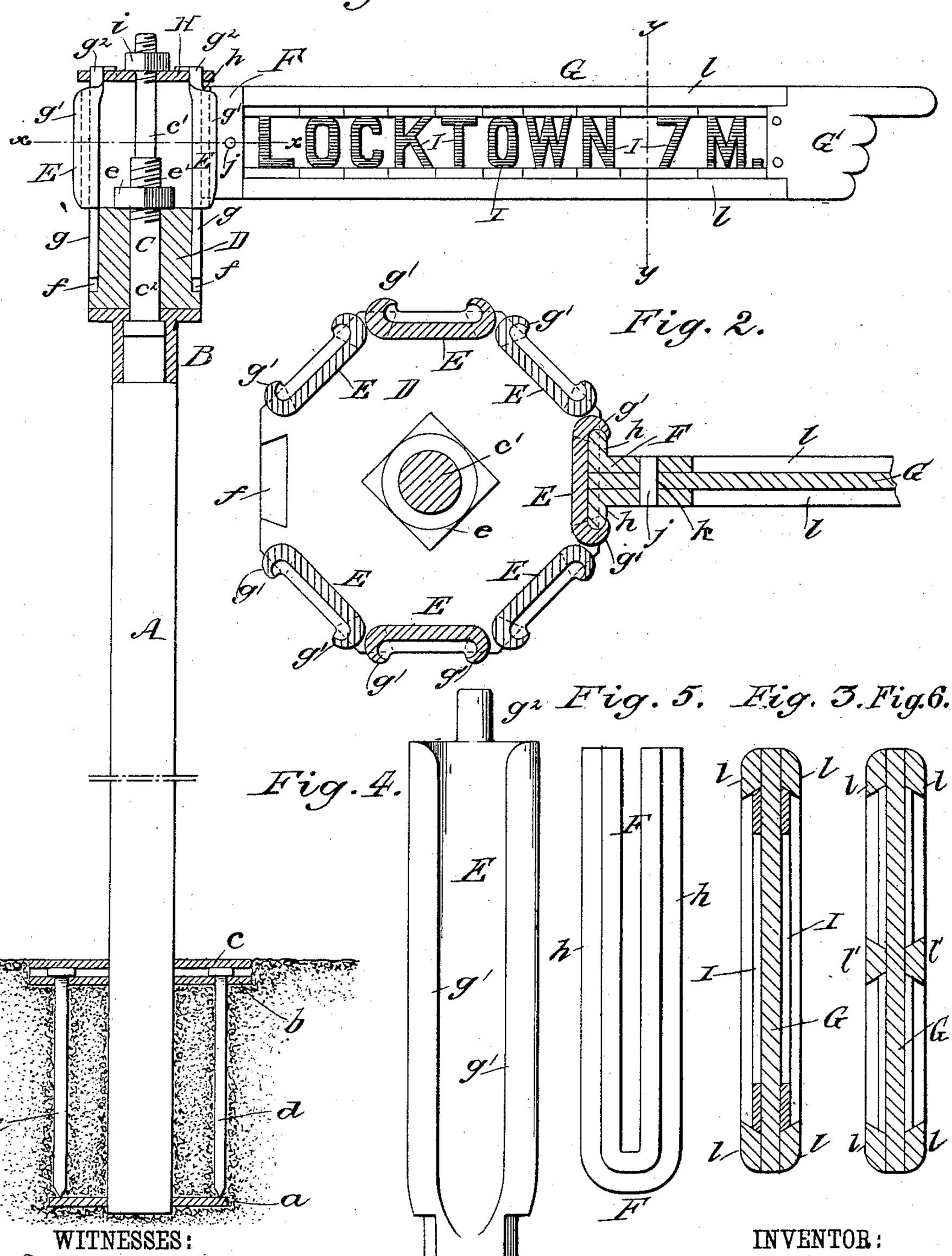


Fig. 2.



Fig. 5. Fig. 3. Fig. 6.



Fig. 4.



WITNESSES:

J. Sedgwick

INVENTOR:

W. W. Case

BY Munn & Co

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM W. CASE, OF BAPTISTOWN, NEW JERSEY.

## GUIDE-BOARD.

SPECIFICATION forming part of Letters Patent No. 354,303, dated December 14, 1886.

Application filed April 19, 1884. Serial No. 128,539. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM W. CASE, of Baptistown, in the county of Hunterdon and State of New Jersey, have invented a new and Improved Guide-Board, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my invention. Fig. 2 is a sectional plan view taken on the line *x x* of Fig. 1. Fig. 3 is a sectional elevation of the guide-board proper, taken on the line *y y* of Fig. 1. Fig. 4 is a front elevation of one of the holding-plates removed from the head-block. Fig. 5 is a front elevation of the clamp-plate, and Fig. 6 is a sectional elevation showing a modification of the guide-board proper.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

A represents the post set in the ground and braced by the bottom plate, *a*, and surface-plate *b*, through which latter the rods *d* are passed and driven into the ground.

*c* is a covering-plate for covering the upper ends of the rods *d*.

To the upper end of the post A is secured the flanged cap B, of iron, and the vertical bolt C, which passes up through the center of the cap B. The upper portion, *c'*, of the bolt is made smaller than the lower portion, $c^2$. Upon the lower portion, $c^2$, of the bolt C is placed the cast-iron head D, which is held securely in place by the nut *e*, screwed upon the central screw-threaded portion, *e'*, of the bolt. In this instance the head D is made octagonal in form, and in each of the faces thereof is formed a dovetailed or other recess, *f*, to receive the bevel-edged shanks *g* of the flanged holding-plates E. These holding-plates E, besides being formed with the said shanks *g*, are formed with the claw flanges or rims *g' g'*, for receiving the edges or flanges *h h* of the clamp F, in which is placed the end of the guide-board proper, G, and at their upper ends the holding-plates E are formed with the studs $g^2$, which are adapted to pass through orifices made in the cap-plate H, placed upon the upper end of the bolt C, and held by nut *i*, for holding all of the holding-plates E securely in place, as will be understood from Fig. 1.

The clamp-plate F is U-shaped, and the end of the guide-board G is held therein by the pin *j*, passing through the side pieces of the plate and through a corresponding hole, *k*, made in the guide-board.

The guide-board G is formed with the dovetailed or undercut flanges *l l* at its upper and lower edges for receiving the letters I, which are made of sheet metal or other suitable material, and are slipped into the undercut flanges *l l* from the end of the board next to the post A before the clamp-plate F is put in place. At its outer end the guide-board G is formed or provided with the pointer or index G'.

Constructed in the manner described, it will be seen that the guide-board is strong, practical, and durable, and that the board G may be set to point in any direction required, will always be held firm and rigid, and that the guide-board as a whole presents a nice and attractive appearance.

The cap-plate *c* on the surface of the ground is intended to be fastened down with a key.

I design in some cases to form the guide-board G with the central longitudinal undercut or dovetailed ribs, *l' l'*, as shown in Fig. 6, adapting the board to receive double sets of letters upon both sides of the board, and I design to coat the letters with luminous paint, so that the guide-board will be visible at night. When placed at cross-roads, the head D will have several guide-boards connected therewith, according to the number of roads.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. In a guide-board, the combination, with a head having a vertical dovetail recess, of two clamp-plates having vertical flanges on their rear edges engaging the said dovetail recess, and a sign-board held between the said clamp-plates, substantially as set forth.

2. In a guide-board, the head D, formed with one or more dovetailed recesses, *f*, in combination with the holding-plates E, engaging said recesses, clamp-plates F, held by said hold-

ing-plates, and guide-board G, secured by said clamp-plates, arranged substantially as described.

3. In a guide-board, the combination, with the recessed head and apertured cap-plate, of the holding-plate E, formed with the shank *g*, engaging the recessed head *g'*, and stud $g^2$, entering the aperture in the cap-plate, as and for the purposes set forth.

4. The combination, with the recessed head D and the clamp-plate F, held thereon and provided with the pin *j*, of the sign-board having an aperture, *k*, through which pin *j* passes, and flanges *l*, open at their rear ends, which abut against the clamp-plate, and removable letters within said flanges, whereby when pin *j* is withdrawn the sign-board may be disconnected and the letters removed, substantially as set forth.

5. The guide-board G, provided with the clamp-plate F, in combination with the flanged holding-plate E, with which the said clamp-plate is connected, and the head D, to which the holding-plate E is secured, substantially as described.

6. The combination, with a sign-board, of a post, tubular flanged cap B thereon, the head D, to which the sign-board is secured, having a central aperture, the bolt C, passed up through the cap B and head, and the nut *e*, securing the head and cap together, substantially as set forth.

7. In a guide-board, the cap B, the bolt C, passed through the cap and formed with the upper reduced portion, *c'*, and larger lower portion, $c^2$, threaded at *e'*, in combination with the recessed head D, through which part $c^2$ passes, nut *e*, screwed upon the screw-threads *e'*, and holding the head to the cap B, the upper apertured plate, H, the holding-plate E, held to the head and plate H, and the top nut, *i*, on the bolt, and securing said plate and the holding-plate in position, as and for the purpose set forth.

8. The post A, provided at its upper end with the flanged cap B, and the bolt C, passing through the cap, in combination with the head D, formed with dovetailed recesses *f*, the holding-plates E, held in the recesses *f*, the clamp-plate F, the guide-board G, the top plate, H, and the nuts *e* and *i*, all arranged substantially as and for the purposes set forth.

WILLIAM W. CASE.

Witnesses:
DANIEL M. MATTHEWS,
PENROSE HICKS.