

(No Model.)

C. G. ANDERSON.

STATION INDICATOR.

No. 261,071.

Patented July 11, 1882.

Fig. 1.

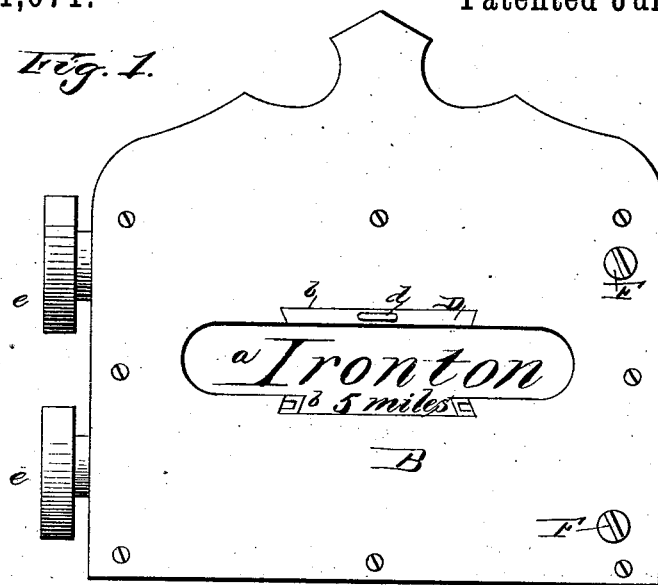


Fig. 2.

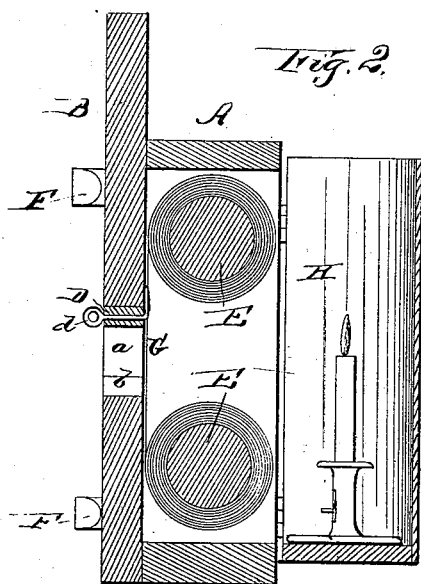


Fig. 3.

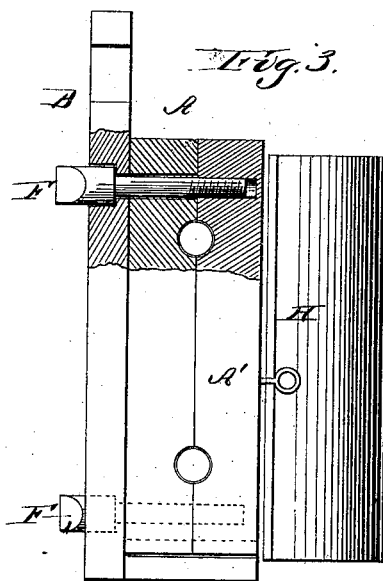
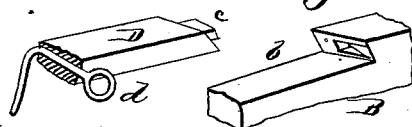


Fig. 4.



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UNITED STATES PATENT OFFICE.

CHARLES G. ANDERSON, OF COLUMBUS, ASSIGNOR TO NATHAN JOSEPH,
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STATION-INDICATOR.

SPECIFICATION forming part of Letters Patent No. 261,071, dated July 11, 1882.

Application filed April 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES G. ANDERSON, of Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Station-Indicators; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification, and in which—

Figure 1 is a front elevation. Fig. 2 is a vertical cross-section. Fig. 3 is an end view, partly in section. Fig. 4 is a detail perspective view.

This invention relates to improvements on station-indicators which are designed for clearly indicating to passengers traveling in railroad-coaches the names of stations or stopping-places on a road and the distance from one station to another without requiring officers on the train to call out such places.

The following description of my invention, when taken in connection with the annexed drawings, will enable others skilled in the art to fully understand it.

A designates a roller-bearing frame of rectangular shape, having a front, B, which may be ornamented in any suitable manner. Through the front of the frame a horizontal oblong opening, *a*, is made, in the top and bottom edges of which dovetail recesses *b b* are formed, into one or the other of which is fitted a cover, D, corresponding in shape and size to each recess. This cover is provided at its ends with tenons *c c*, which are adapted to fit into mortises made in the ends of the recesses, and the cover is also provided with a thumb-catch, *d*, by means of which and the tenon-fastenings this cover can be secured firmly into either one of the recesses for a purpose hereinafter explained.

E E designate two horizontal rollers, which have their end bearings in the uprights of the frame A, and which can be tightened or loosened at pleasure by means of thumb-screws F F, which are tapped into a clamping portion, A', of one of the uprights of the frame A.

To these rollers I attach the ends of a flexible strip, G, on which are printed the names of the stations on a road and figures indicating the number of miles between the stations. By means of hand-wheels *e e* the rollers can be turned and the printed strip G wound from one roller upon the other, so as to adjust the names of the stations successively opposite the opening *a*, and at the same time bring the figures indicating the distance from one station to another opposite a recess, *b*, which is not filled by the cover D. If the train is moving in one direction, the cover D will be in the upper recess, and when the train returns this cover should be adjusted in the lower recess, for the reason that the distances between the stations are indicated between the names of the stations on the strip G. At the back of the frame A, I hinge a reflector, H, the bottom of which is adapted to support a lamp or candle for illuminating the strip G and exposing to view the names and figures at night.

I am aware that station-indicators have been placed in passenger-coaches and street-cars and constructed with endless belts or strips applied to rollers, and having the names of stations and streets and distances between places printed on them, and such means I do not claim broadly as my invention.

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

The combination, with rollers and adjustable bearings therefor, of a flexible strip having the names of stations printed on it, the opening *a* through the front of the frame A, the recesses *b b* at the upper and lower edges of this opening, and the movable dovetail cover D, provided with fastenings, all constructed and arranged substantially in the manner and for the purposes described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

CHARLES G. ANDERSON.

Witnesses:

JASON McVAY,
P. J. FISHBACK.