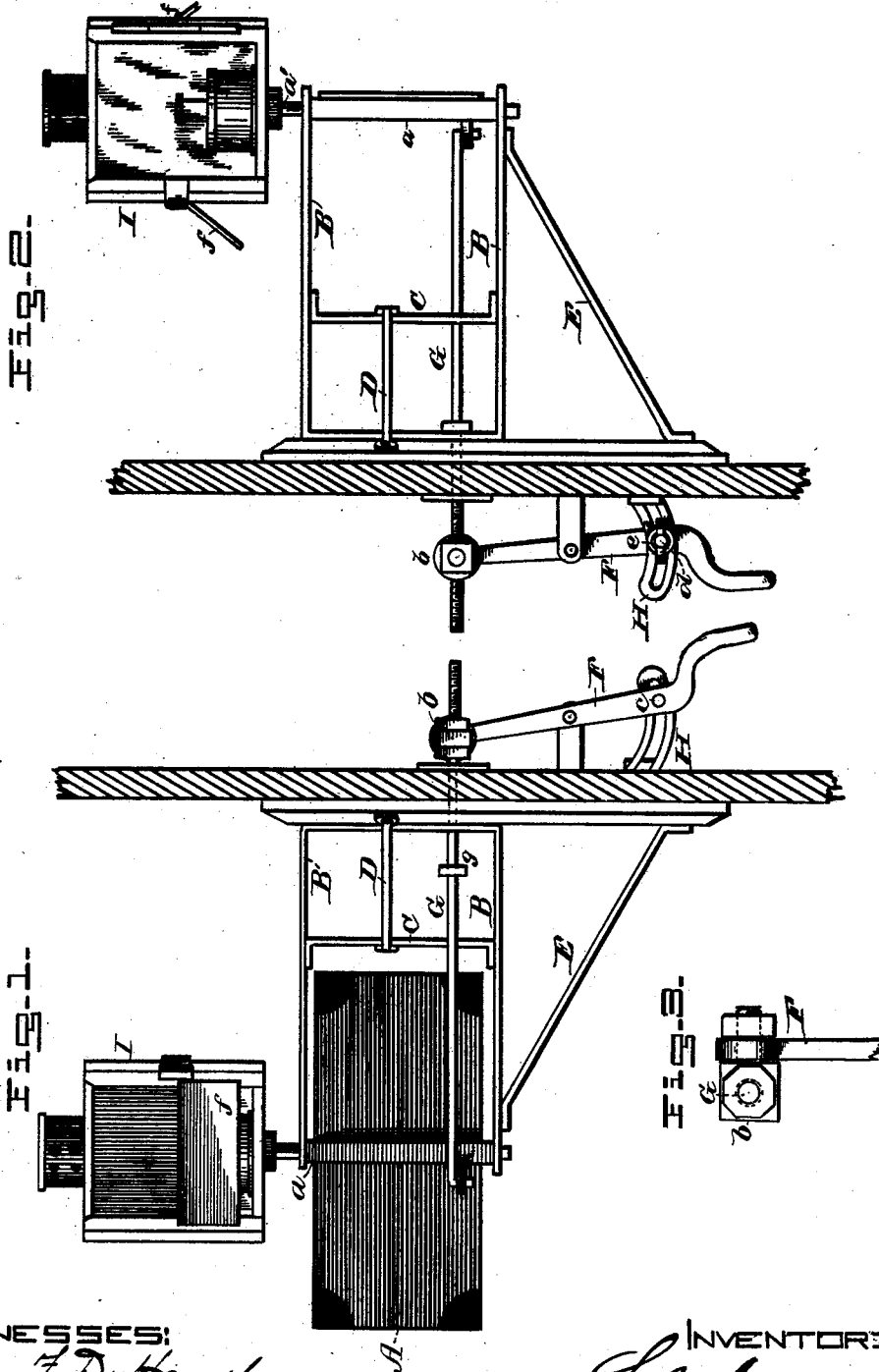


L. B. CARVER.
RAILROAD SIGNAL.

No. 191,753.

Patented June 12, 1877.



WITNESSES:
Geo. F. Dutton
A. A. Cobb

INVENTOR:
L. B. Carver
PER
A. A. Abbot
ATTORNEY.

UNITED STATES PATENT OFFICE

LLOYD B. CARVER, OF XENIA, INDIANA.

IMPROVEMENT IN RAILROAD-SIGNALS.

Specification forming part of Letters Patent No. **191,753**, dated June 12, 1877; application filed April 11, 1877.

To all whom it may concern:

Be it known that I, L. B. CARVER, of Xenia, in the county of Miami and State of Indiana, have invented certain new and useful Improvements in Railway Signals; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in railway-signals; and consists in the special construction and arrangement of parts hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention relates to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, forming part of this specification, and in which—

Figure 1 is a side view, showing the signal in position to signal an approaching train of cars. Fig. 2 is a view of the opposite side, with the signal in its normal position.

In the drawing, the letter A represents the day-signal. This signal is, preferably, made of an elongated rectangular piece of sheet metal, having a spine or rib, *a*, riveted transversely thereto, which is supported in suitable bearing between horizontally arranged supports B, which are secured to the side of the station-house. Between these supports is riveted a stay, C, to which is centrally riveted or otherwise secured a semicircular stay or brace, D, arranged as shown—that is to say, having the ends secured to the side of the house—on each side of the vertical line of the supports B. Under the bottom support B, and near its outer end, is riveted a brace, E, running down and secured to the side of the house.

The signal is operated from the inside of the house by a lever, F, centrally fulcrumed, as shown, having its upper end attached to an adjustable nut, *b*, on the rod G, which passes through the side of the house, extending out, and having its hooked end passed through an eyed projection on the rib *a* of the day-signal A. Said rod G is provided with a stop, *g*, in order to check the signal when thrown around and not in use. Near the lower end or handle of this lever F is what I denominate an "indicator," H, slotted, as shown, to receive a pintle, *c*, secured to said lever, which lever is held in any desired position by the thumb-screw *d*, between which and the indicator H is interposed a washer, *e*. The rib *a* of the day-signal A has on its extended end *a'* a lamp or night-signal, I, having half of two opposite sides provided with colored glass, and the lower portion thereof provided with ordinary window-glass. Centrally of these sides are secured shades or reflectors *f*, which throw the light from the plain glass down on the station-platform.

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

In combination with the signals A and I, the lever F, adjustable nut *b*, pintle *c*, thumb-screw *d*, washer *e*, indicator H, and rod G, all arranged and operating substantially as and for the purpose set forth.

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

LLOYD B. CARVER.

Witnesses:

JOHN W. EWARD,
J. B. DOUGSTREWS.