J. V. SLUSSER.

SIGNAL HEAD-LIGHTS FOR LOCOMOTIVES.

No. 172,790. Patented Jan. 25, 1876.

Fig. 1.

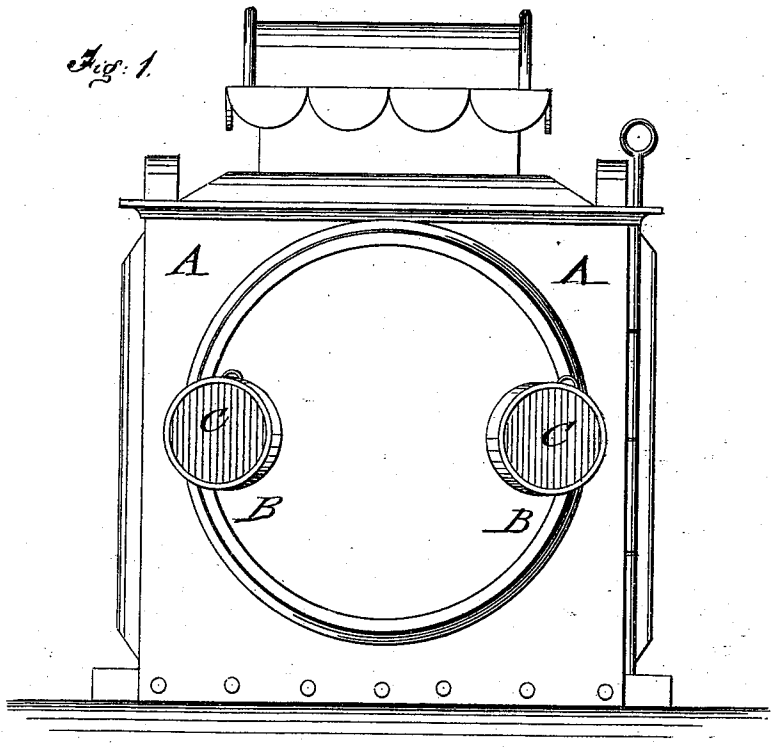
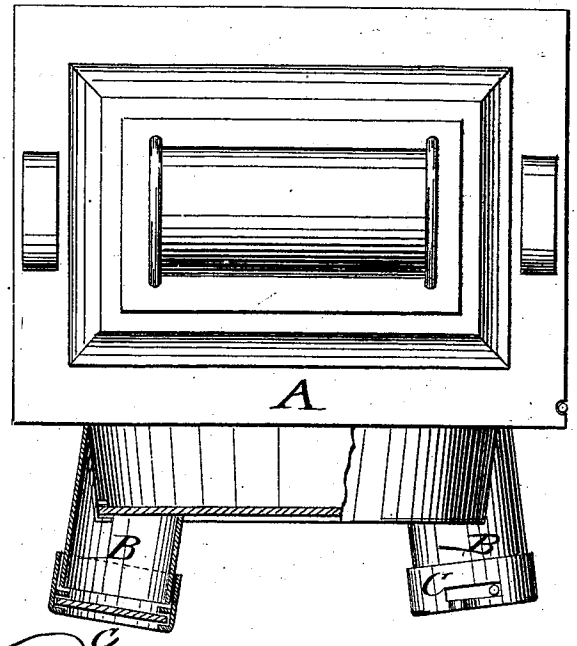


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN V. SLUSSER, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN SIGNAL HEAD-LIGHTS FOR LOCOMOTIVES.

Specification forming part of Letters Patent No. **172,790**, dated January 25, 1876; application filed September 27, 1873.

To all whom it may concern:

Be it known that I, JOHN V. SLUSSER, of Louisville, in the county of Jefferson and State of Kentucky, have invented a new and Improved Locomotive Head-Light, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front view, and Fig. 2 a top view, partly in section, of my improved locomotive head-light.

Similar letters of reference indicate corresponding parts.

The object of invention is to combine the signal-lights with the head-lamp of the locomotive, so that they receive their light from the burner of the head-lamp, facilitate the putting out of signals by being immediately available when required, and produce a saving in lanterns and oil.

My invention consists in the arrangement of one or more short tubes applied to the head-light of a locomotive, said tubes to be fitted with movable caps with colored glass for signals.

In the drawing, A represents the head-lamp, carried in front of locomotive-engines, which is provided at its front part with one or more tubes, B, of tin or other suitable material, which projects over the glass cover of the lamp, so as to receive their light from the burner of the same.

The tubes B are made with movable caps C, which are attached by slot and lug, springs or otherwise, and may be changed from solid caps to caps with pieces of glass of different colors, corresponding to the signals prescribed.

The engineer can at any time, on receiving orders on the road, change without delay the solid caps to the transparent ones, which give the signals without having the trouble to light the signal-lamps now in use, saving thereby time and money, as the lamps, oil, &c., may be dispensed with.

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

The locomotive head-light tubes B provided with movable caps C, as and for the purpose described.

JOHN V. SLUSSER.

Witnesses:
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