

T. W. PEEPLES.

SWITCH-SIGNAL.

No. 175,743.

Patented April 4, 1876.

Fig. 1

Fig. 2

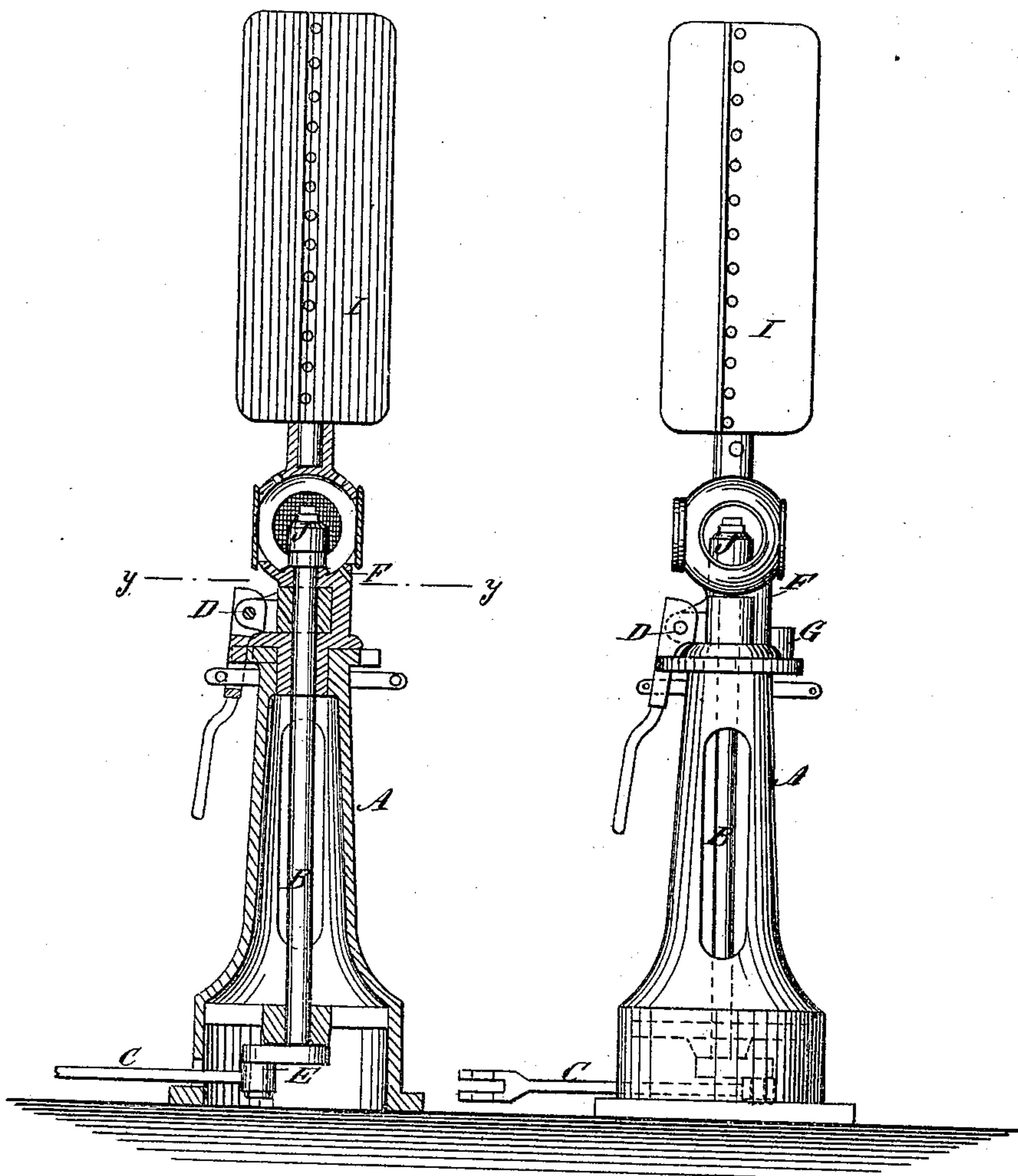
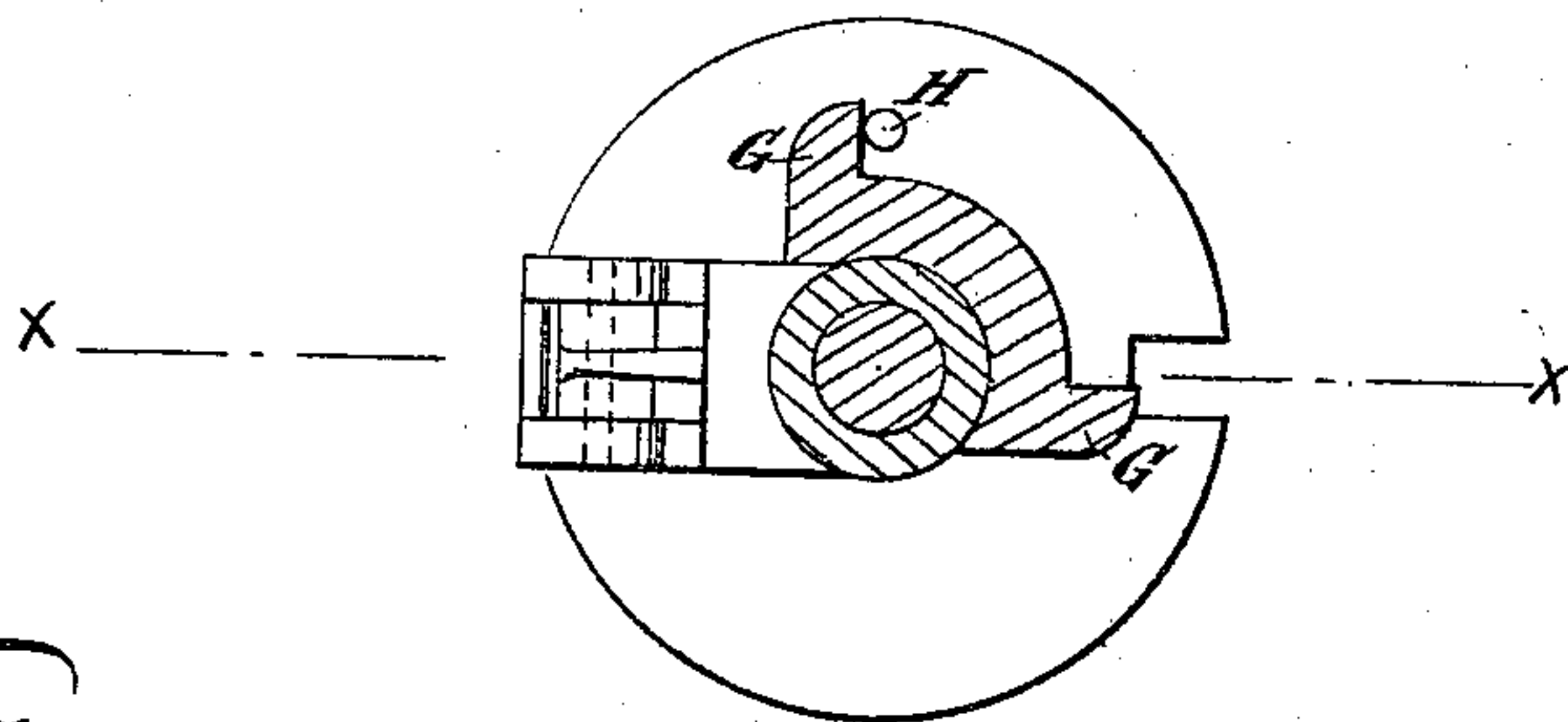


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS W. PEEPLES, OF ELIZABETHPORT, NEW JERSEY.

IMPROVEMENT IN SWITCH-SIGNALS.

Specification forming part of Letters Patent No. **175,743**, dated April 4, 1876; application filed February 28, 1876.

To all whom it may concern:

Be it known that I, THOMAS W. PEEPLES, of Elizabethport, in the county of Union and State of New Jersey, have invented a new and Improved Switch-Stand, of which the following is a specification:

The invention consists in fitting the switch-lever on a shaft in the opening of the lamp-case, so that the lamp will be turned only a quarter while the shaft makes a half revolution.

Figure 1 is a sectional elevation of my improved switch-stand, taken on line *xx* of Fig. 3. Fig. 2 is a side elevation, and Fig. 3 is a horizontal section on line *yy* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the hollow standard, in which is the upright crank-shaft B, to work the switch-rod C. D is the lever for working the crank-shaft. It is keyed fast to the shaft, above the standard, and swings half way round to shift the crank E from one center to the other, the same as in other stands, to hold the switch-rails so that they cannot be thrown out of place by any shocks and jars of the car-wheels. F is the lamp-case, which is swiveled on the top of the standard so as to turn, and it has an opening, out of which the lever projects, large enough for the lever to swing a certain distance without turning it, thus allowing the

lever to turn half a circle, while it is only turned a quarter by the lever, and it has studs G to stop it in the right position by the stud H, when turned either way, thus accomplishing the same results without the gear-wheels above mentioned, for which, in the arrangements heretofore used, they have been necessary, and simplifying the apparatus to that extent.

The lamp-case is made substantial and capable of supporting the target I above it, and the lamp J is mounted on the shaft, and not on the case, as heretofore, and so turns half round, so as to show the flat or broad sides in the line of the track, whichever way the case stands, which it can only do in one position of the latter, when attached so as to turn only as the case does, whereby it shows the light equally strong in both positions.

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

The switch-lever fitted on the switch-shaft in an opening of the lamp-case, which allows it to turn the lamp only a quarter while turning the shaft a half revolution, substantially as specified.

THOMAS W. PEEPLES.

Witnesses:

THOMAS B. RUSSUM,
CHARLES S. MOORE.