

J. DURAND,
Railroad-Signal Box.

No. 83,700.

Patented Nov. 3, 1868.

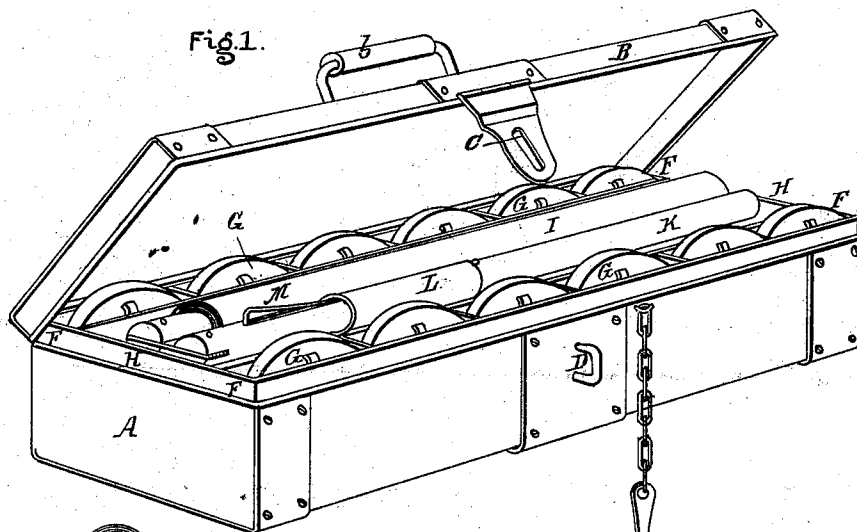


Fig.2.

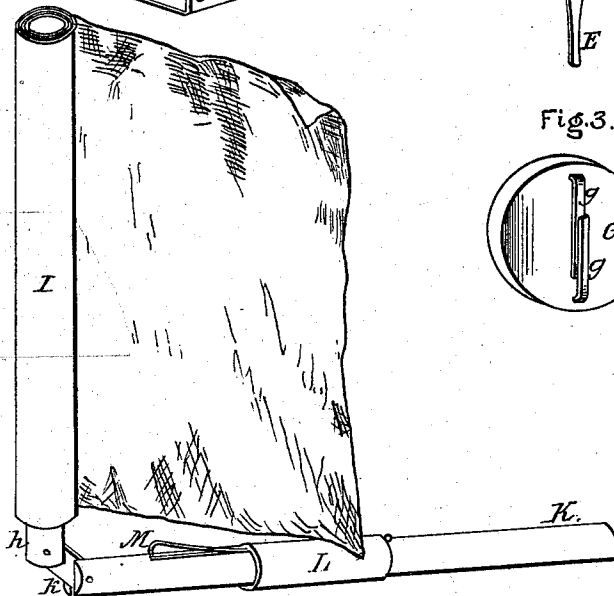


Fig.3.

Witnesses

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Inventor.

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 Atty's.*

United States Patent Office.

JOHN DURAND, OF CINCINNATI, OHIO, ASSIGNOR TO PERKINS,
LIVINGSTON, AND POST, OF SAME PLACE.

Letters Patent No. 83,700, dated November 3, 1868.

IMPROVEMENT IN RAILROAD-SIGNAL BOX

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern:

Be it known that I, JOHN DURAND, of Cincinnati, Hamilton county, and State of Ohio, have invented a certain new and useful Railroad-Signal Box; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

The object of this invention is to provide, for use of railroad-conductors, a convenient receptacle for the customary signalling-apparatus, such as flags, torpedoes, and the like.

Figure 1 is a perspective view of a box or receptacle embodying my invention.

Figures 2 and 3 show the signal-flag and a torpedo removed from the box.

The box A is formed, preferably, of sheet-iron or copper, or of stout tin, and has a hinged cover, B, which is held to the closed position by hasp C, staple D, and pin E.

A handle, *b*, is attached to the top of the cover.

Arranged closely to the front and to the rear of the box are pockets or lockers, F, to hold torpedoes, G.

The space H, in the middle of the box, between the two ranges of the pockets, is appropriated to the signal-flags I.

In order to enable the convenient storage of the flags within the box, I form a hinged joint, *k*, in the handle K; and provide a sleeve, L, and spring-catch, M, similar to the device by which a parasol-handle is made capable of being folded and extended.

Fig. 3 is an under-side view of the torpedo, with the fingers *g g'*, for attachment to the top of a rail.

I claim herein as new, and of my invention—

The railroad-signal-box arrangement, consisting of the portable case, provided with a flag on a jointed and folding staff, and with pockets containing torpedoes, substantially as described and represented.

In testimony of which invention, I hereunto set my hand.

JOHN DURAND.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.