

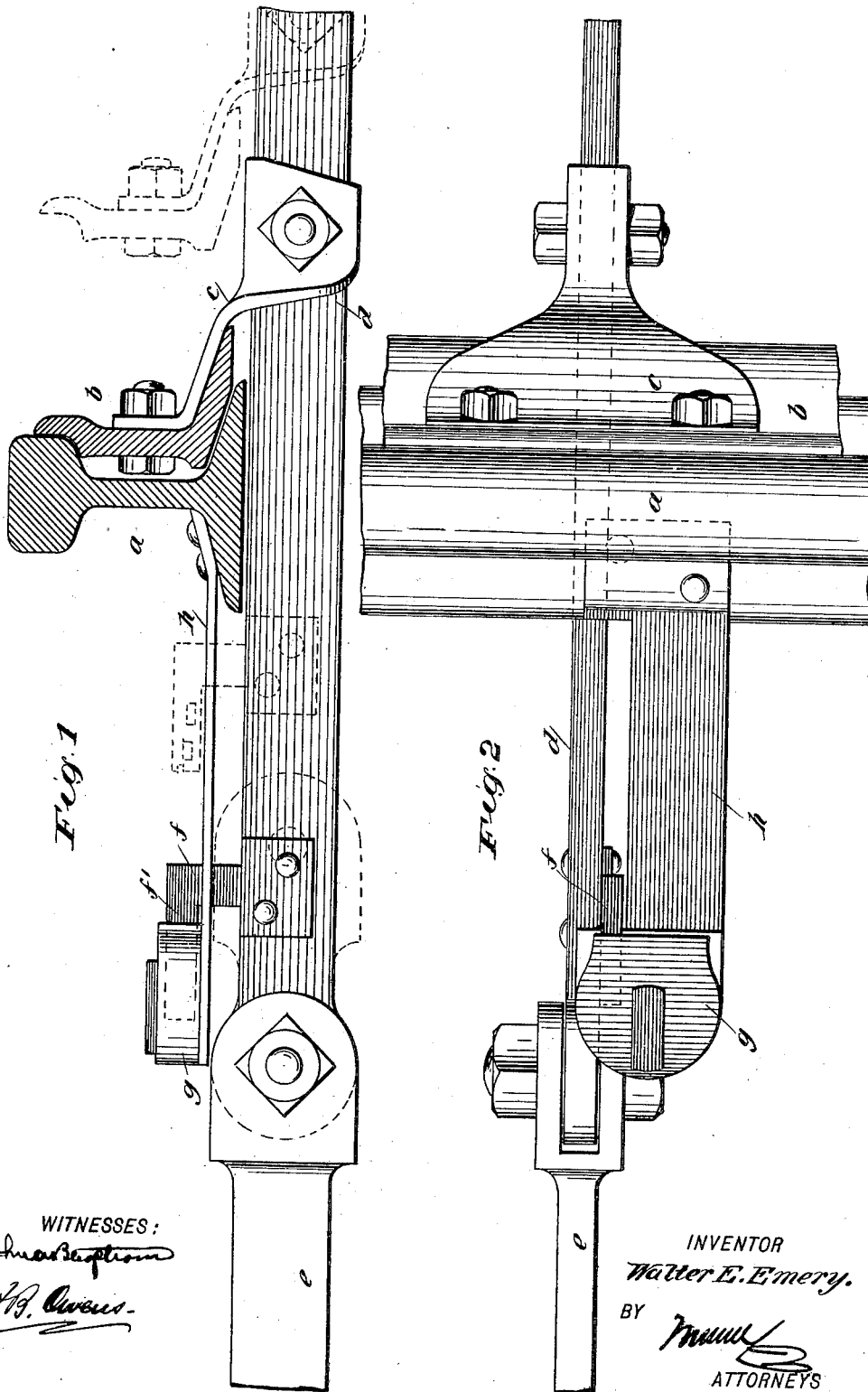
No. 676,792.

Patented June 18, 1901.

W. E. EMERY.
SWITCH LOCKING DEVICE.

(Application filed June 18, 1900.)

(No Model.)



WITNESSES:
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UNITED STATES PATENT OFFICE.

WALTER EDWARD EMERY, OF WEST CHICAGO, ILLINOIS.

SWITCH-LOCKING DEVICE.

SPECIFICATION forming part of Letters Patent No. 676,792, dated June 18, 1901.

Application filed June 16, 1900. Serial No. 20,553. (No model.)

To all whom it may concern:

Be it known that I, WALTER EDWARD EMERY, a citizen of the United States, and a resident of West Chicago, in the county of Du-
page and State of Illinois, have invented a
new and Improved Switch-Locking Device, of
which the following is a full, clear, and exact
description.

The purpose of this invention is to provide
effective means for locking switches; and to
this end it comprises certain novel devices
acting between the main rail and the switch-
point by which the switch-point may be held
securely in either open or closed position, as
desired. I have here shown the means ar-
ranged to lock the switch in open position.

This specification is the disclosure of one
form of the invention, while the claims define
the actual scope thereof.

Reference is to be had to the accompanying
drawings, forming a part of this specification,
in which similar characters of reference indi-
cate corresponding parts in both the views.

Figure 1 is a side view of the invention, show-
ing the rails in section; and Fig. 2 is a plan
view.

a represents the main rail, and *b* the switch-
point. To the switch-point is fastened a
bracket *c*, which passes outward and down-
ward and is clipped to the switch-rod *d*. This
rod passes under the rail *a* and is pivoted to
the connecting-rod *e*, which passes to the
switch-stand or other operating device.

To the switch-rod *d* is fastened rigidly an
upwardly-projecting stud *f*, which has a trans-
verse extension *f'*, forming a hasp, and this
hasp works with a lock *g*, carried on an arm
h, which extends transversely and is fastened
rigidly to the base of the rail *a*. The lock *g*
may be of any desired form. With this ar-

rangement when the hasp *f'* is entered and
fastened into the lock *g* the switch-point *b* is
held in the position indicated by full lines in
Fig. 1 and cannot move until the hasp *f'* is
released, and then the parts may be thrown to
the position indicated by dotted lines in Fig. 1.

I desire especially to emphasize that the
form of the lock employed in this device is
not material, nor is it necessary that the lock
be rigidly fastened. As here shown it forms
a part of the device; but it is clear that an
ordinary pad or switch lock could be utilized
to hold together the parts *f* and *h*. The lock
may be applied on either or both sides of the
track.

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

1. The combination, with a main rail and a
switch point or rail, of a bracket attached
thereto, a switch-rod to which the bracket is
connected, a stud carried by the switch-rod
and having a part forming a hasp, an arm
carried by the main rail, and a lock sustained
on the arm and working with the hasp.

2. The combination, with a main rail and a
switch rail or point, of a bracket attached to
the switch-point, a switch-rod to which the
bracket is attached, the switch-rod passing
under the main rail, an arm carried by the
main rail, and means for removably locking
the switch-rod and arm together.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

WALTER EDWARD EMERY.

Witnesses:

C. E. SMILEY,
ELMER E. MARTIN.