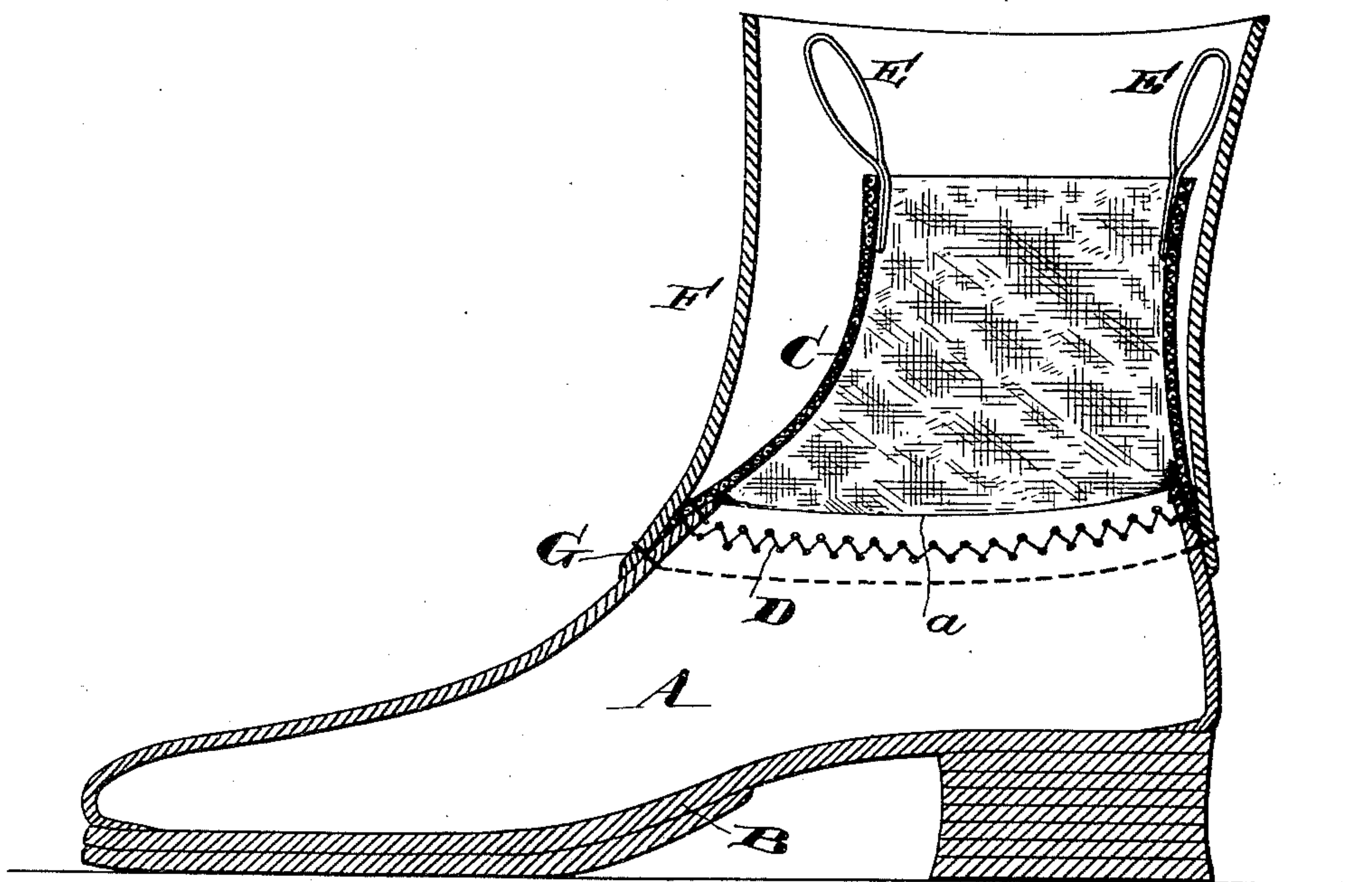


(No Model.)

J. J. TURNER
SHOE.

No. 433,154.

Patented July 29, 1890.



Witnesses:

Henry D. Dwyer
H. F. Graybill

Inventor:

James J. Turner
by his attorney
Francis J. Chambers

UNITED STATES PATENT OFFICE.

JAMES J. TURNER, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO HIMSELF,
JOHN A. FOGG, OF BOSTON, MASSACHUSETTS, AND WILLIAM C. ARP, OF
LOGANSPORT, INDIANA.

SHOE.

SPECIFICATION forming part of Letters Patent No. 433,154, dated July 29, 1890.

Application filed May 12, 1890. Serial No. 351,432. (No model.)

To all whom it may concern:

Be it known that I, JAMES J. TURNER, of
Pittsburg, county of Allegheny, State of
Pennsylvania, have invented a certain new
and useful Improvement in Shoes, of which
the following is a true and accurate descrip-
tion, reference being had to the drawing,
which forms a part of this specification.

My invention relates to shoes, and has for
its object to provide a shoe especially adapted
for the use of railroad-switchmen.

It is well known that switchmen are fre-
quently killed or injured owing to their
shoes catching in frogs or switches, and thus
preventing them from escaping from ap-
proaching trains. The object of my inven-
tion is to provide a shoe for them or others
exposed to the same danger, which will per-
mit the easy withdrawal of the foot therefrom,
and which at the same time will fit the foot
closely and tightly and be a good water-tight
wet-weather shoe. The shoe must fit closely,
because switchmen are required in the ordi-
nary pursuit of their business to run and
climb a great deal, and working, as they do, in
mud and wet weather, their shoes should be
exceptionally water-tight.

The nature of my invention, by which I se-
cure the above-noted qualities in a shoe, will
be best understood as described in connec-
tion with the drawing in which it is illustrated,
and in which the shoe is shown as made up
of a portion A, sewed to the sole B and formed
to cover the lower portions of the foot, being
in effect a low shoe or slipper, with an open-
ing a large enough to permit the ready with-
drawal of the foot. To the upper part of this
low shoe I secure, as by stitches or lacing D, an
upper C, wholly or partially composed of elas-

tic, so that it will clasp the top of the foot
and the ankle and hold the shoe closely and
securely to the foot. This elastic upper of
course offers no substantial resistance to the
withdrawal of the foot in case of emergency,
as when the shoe is caught in a frog or switch.
Finger-tabs E E are provided to assist in
putting the shoe on the foot.

The elastic upper would, of course, be in-
sufficient to protect the feet in wet weather
or muddy places, and to make the shoe sub-
stantially water-tight I secure outside the
elastic upper an exterior upper or leg piece
F, which can be sewed to the portion A, as
shown at G, and which is made of a size which
will permit the ready withdrawal of the foot
through it. As thus constructed, my improved
shoe answers all the requirements for com-
fort, protection of the foot, and the safety of
the wearer.

Having now described my invention, what
I claim as new, and desire to protect by Let-
ters Patent, is—

A shoe having, in combination, a portion A,
formed to cover the foot and having an open-
ing a large enough to permit the ready with-
drawal of the foot therefrom, an elastic up-
per C, formed to clasp the upper part of the
foot or ankle, secured to the top of the part A,
and an exterior upper or leg piece F, secured
to the upper portion A outside of the elastic
upper and of a size to permit the ready with-
drawal of the foot through it, all substan-
tially as and for the purpose specified.

JAMES J. TURNER.

Witnesses:

GEORGE D. TURNER,
H. F. BICKELL.