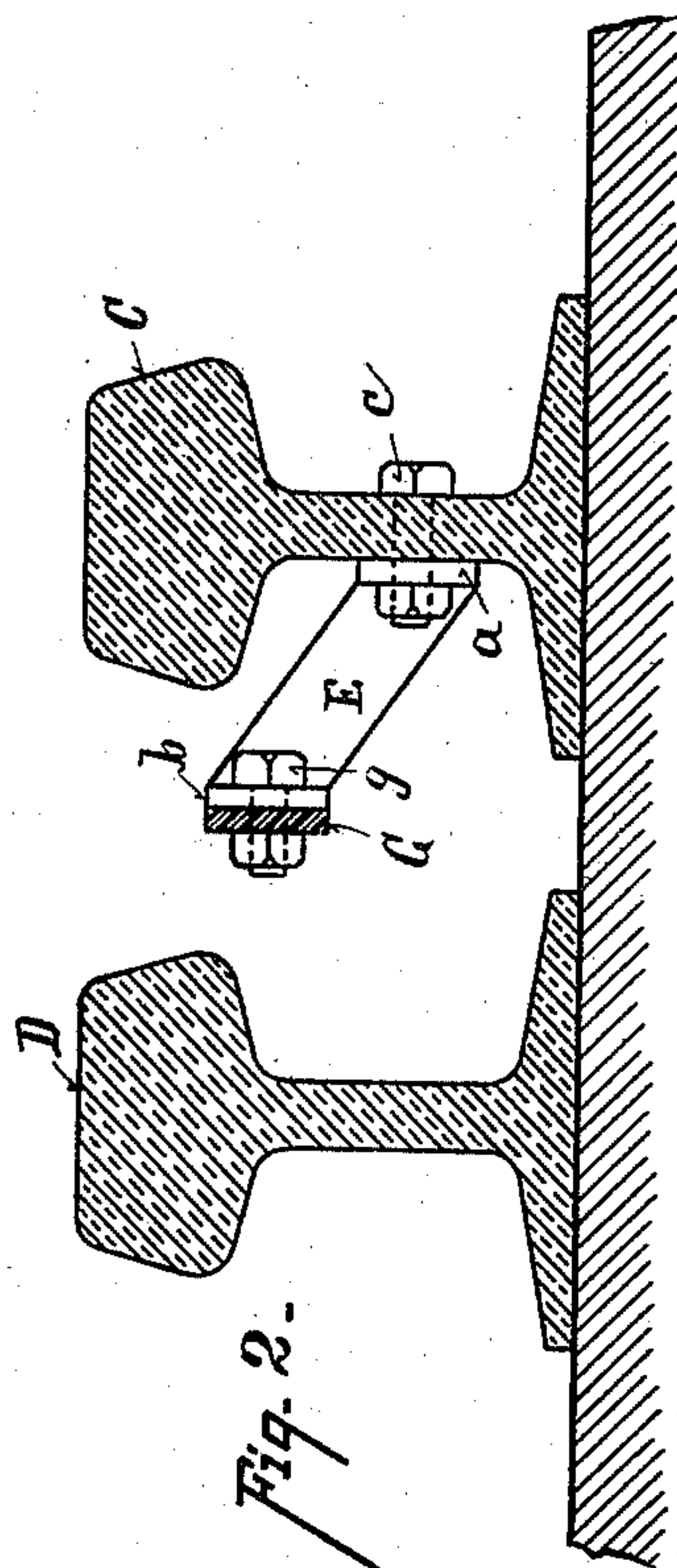
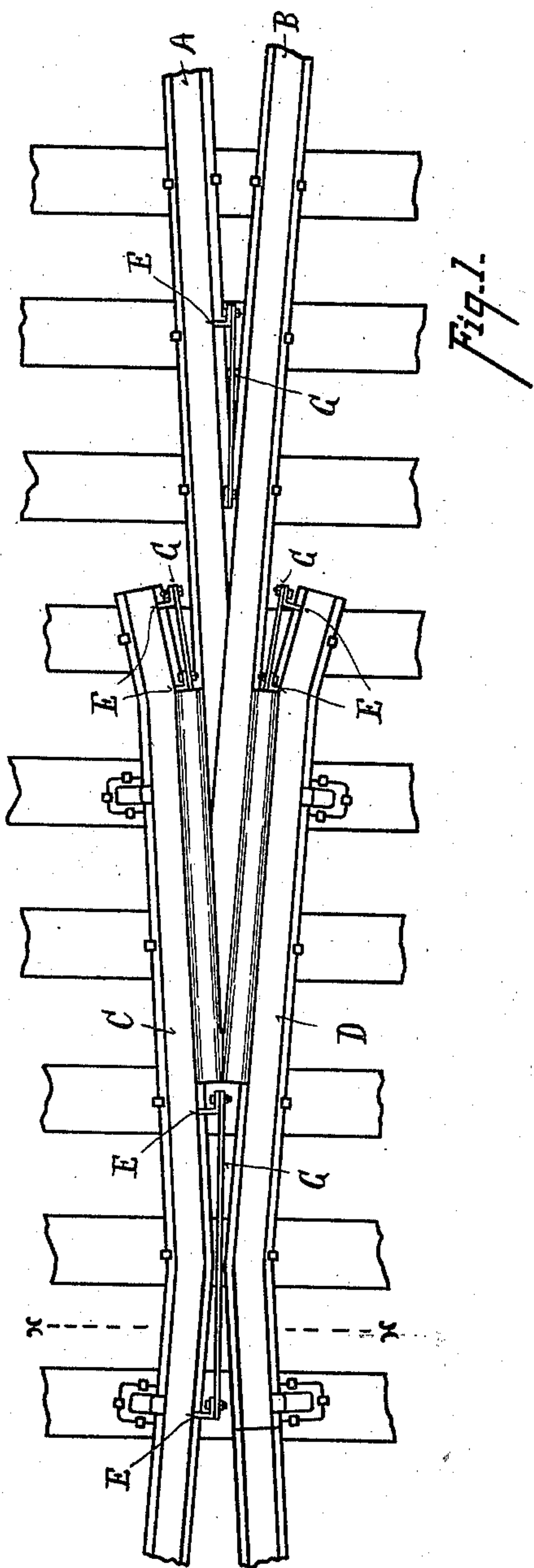


(No Model.)

C. PARTINGTON.  
FOOT GUARD FOR RAILWAY FROGS.

No. 598,486.

Patented Feb. 1, 1898.



Witnesses

C. W. Miles

Oliver D. Kaiser

Inventor

Charles Partington  
by Wood & Bond  
Attorneys

# UNITED STATES PATENT OFFICE.

CHARLES PARTINGTON, OF NEWPORT, KENTUCKY, ASSIGNOR TO THE  
WEIR FROG COMPANY, OF CINCINNATI, OHIO.

## FOOT-GUARD FOR RAILWAY-FROGS.

SPECIFICATION forming part of Letters Patent No. 598,486, dated February 1, 1898.

Application filed October 16, 1897. Serial No. 655,489. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES PARTINGTON, residing at Newport, in the county of Campbell and State of Kentucky, have invented certain new and useful Improvements in Foot-Guards for Railway-Frogs, of which the following is a specification.

The object of my invention is to provide a foot-guard for railway frogs, switches, crossings, and guard-rails, consisting of brackets and bars, the brackets being so constructed that they can be used for frogs of any size or angle.

The features of my invention are more fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a top plan view of a railway-frog with my safety-guard applied thereto. Fig. 2 is a section on line *x x*, Fig. 1.

A B represent the point-rails.

C D represent the wing and guard rails.

E represents a bracket provided with a knee at each end, one of which, *a*, is bolted to the web of the rail by a clamping-bolt *c*. To sustain the guard-bar, two of these brackets are required, as shown in Fig. 1, and they are bolted to the rail at the required positions to bridge the opening. To the knees *b* of these brackets are clamped the bridge-bar G by bolts *g*. As shown in Fig. 1, it will be seen that one bridge-bar and two brackets will effectually bridge the two V-shaped openings

in the forward point of the frog, and the single V-shaped openings in the rear end of the frog are each protected by a guard-bar supported on said brackets. A very important advantage is obtained by this method of so protecting and bridging the V-shaped openings of railway-frogs so as to prevent the foot from being caught therein.

The brackets E can all be made of the same size and shape, and they will suit any frog, the only change required to fit the guards to different frogs being in the length of the safety-bar, and as they can be made of common bar-iron they may be readily cut into the desired lengths and punched to receive the bolts.

It will readily be seen that this device is cheap and easily applied and provides an effectual guard against the foot being caught in the frog.

Having described my invention, I claim—

A foot-guard for railway-crossings consisting of knee-brackets bolted to the rail, a suitable distance apart, and a bridge-bar bolted to the other ends of said brackets, substantially as specified.

In testimony whereof I have hereunto set my hand.

CHARLES PARTINGTON.

Witnesses:

W. R. WOOD,  
OLIVER B. KAISER.