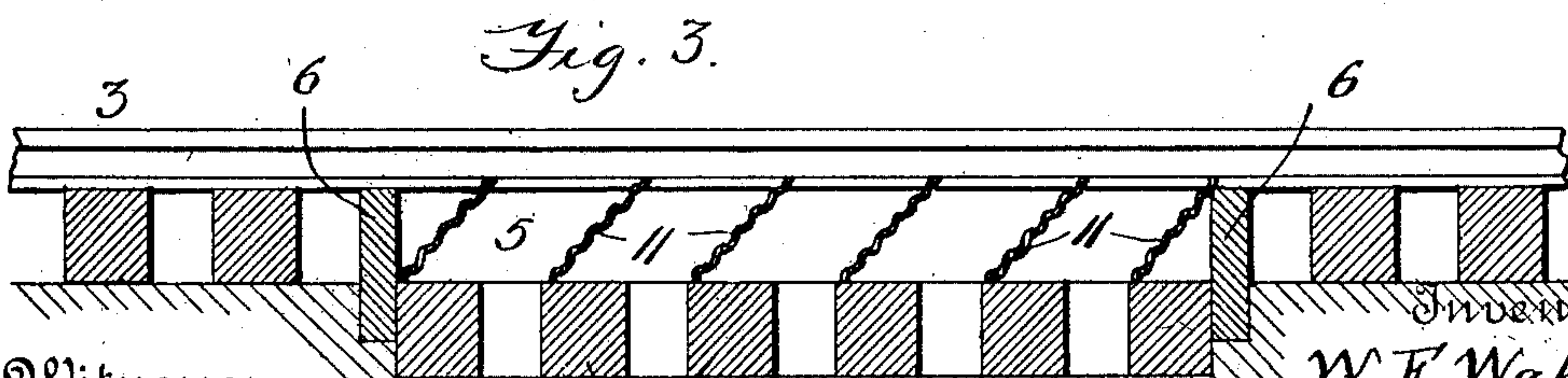
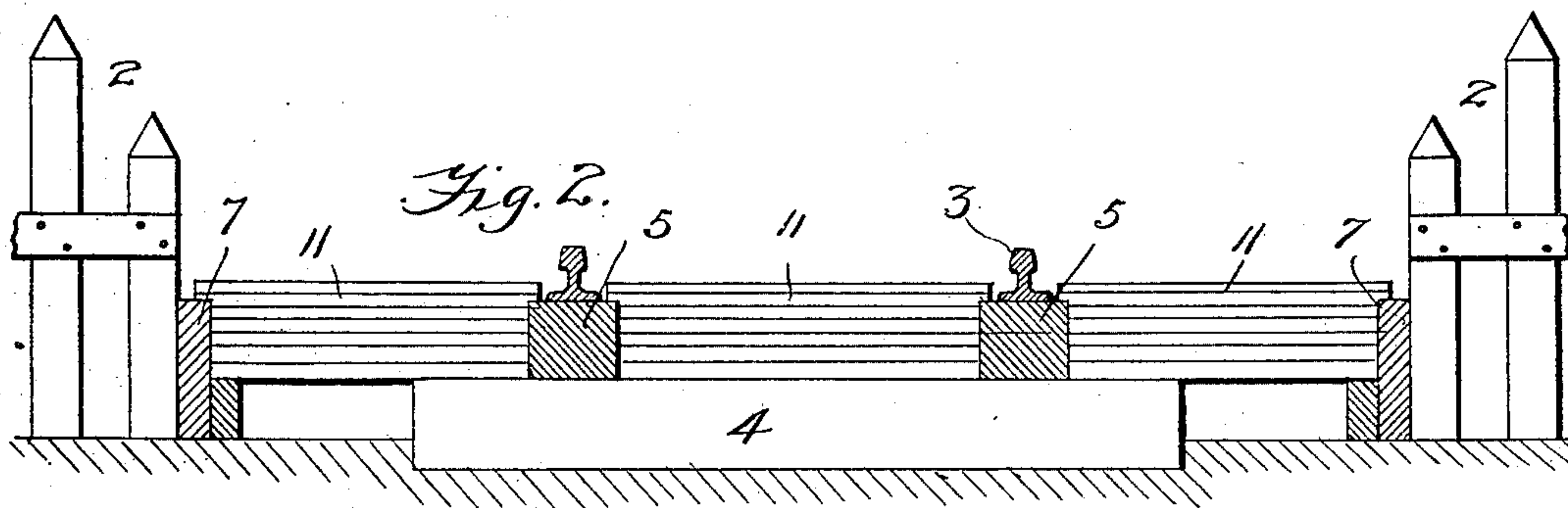
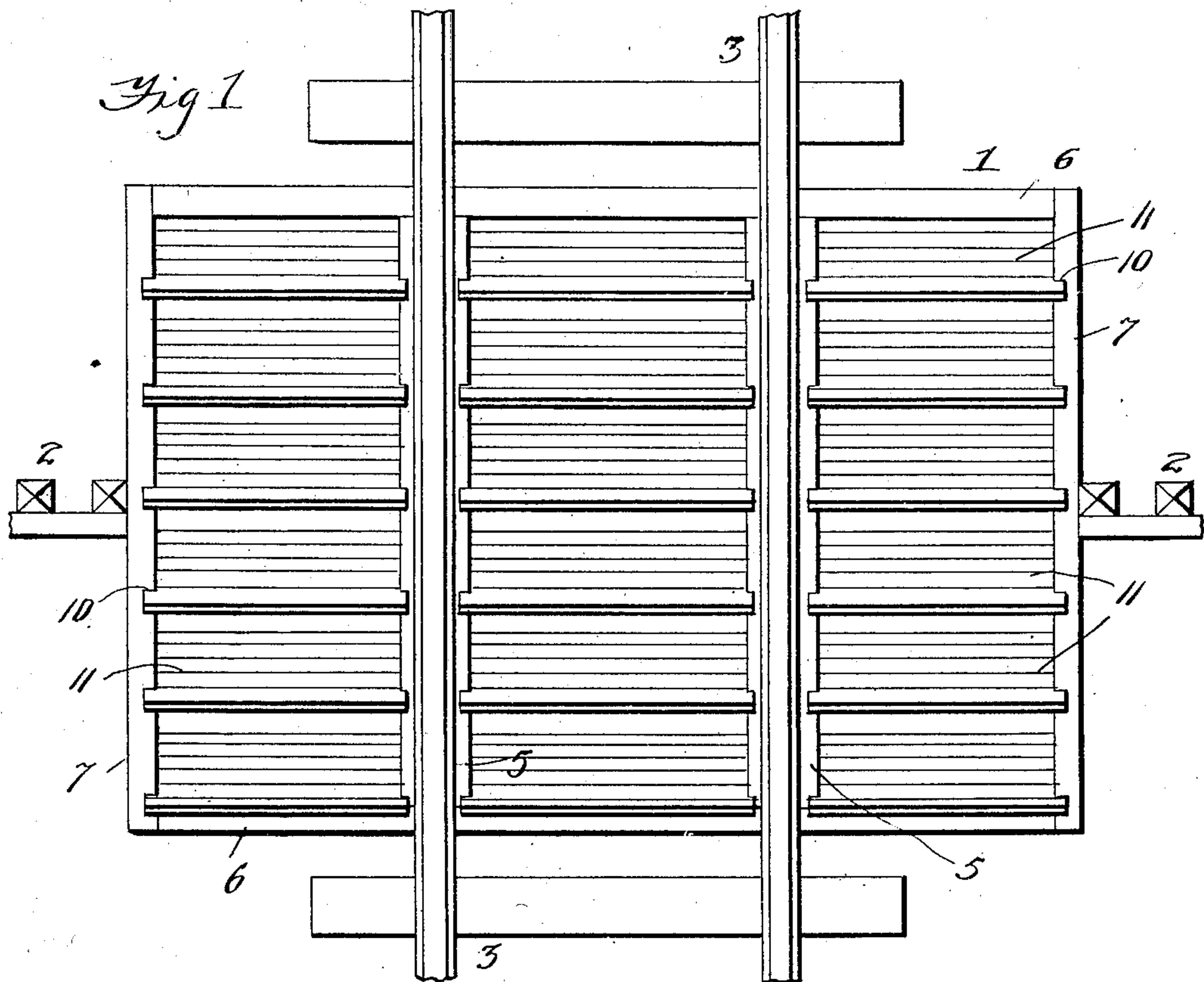


No. 840,030.

PATENTED JAN. 1, 1907.

W. E. WAHLIN.
RAILWAY STOCK GUARD.
APPLICATION FILED JUNE 4, 1906.



Witnesses
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Attorneys

UNITED STATES PATENT OFFICE.

WALTER E. WAHLIN, OF SALT LAKE CITY, UTAH.

RAILWAY STOCK-GUARD.

No. 840,030.

Specification of Letters Patent.

Patented Jan. 1, 1907.

Application filed June 4, 1906. Serial No. 320,176.

To all whom it may concern:

Be it known that I, WALTER E. WAHLIN, a citizen of the United States, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented certain new and useful Improvements in Railway Stock-Guards; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in railway stock-guards; and it consists in the novel construction, combination, and arrangement of parts hereinafter described and claimed.

The object of the invention is to improve and simplify the construction of devices of this character, and thereby render the same less expensive and more effective for the purpose intended.

The above and other objects, which will appear as the nature of the invention is better understood, are accomplished by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of my improved stock-guard. Fig. 2 is a vertical transverse sectional view through the same, and Fig. 3 is a vertical longitudinal sectional view.

Referring to the drawings by numeral, 1 denotes my improved stock-guard, which is mounted between the two sections of the fence 2, through which the railway-track 3 passes. In constructing the stock-guard I sink the cross-ties 4, upon which it is supported, somewhat lower than the remaining cross-ties of the track and secure upon these lowered ties longitudinal beams or stringers 5, upon which the track-rails are secured. The ends of the stringers 5 are connected by transversely-extending beams 6, which have their ends extending some distance upon either side of the stringers 5 and connected by longitudinal beams 7, so as to form a rectangular frame between the two fence-sections 2. The opposing faces of the beams 7 and stringers 5 are formed with angularly-disposed grooves 10 to receive the edges of rectangular plates 11. These plates are

preferably constructed of corrugated metal, as shown, and they are slid into the angular or inclined grooves 5, so as to be removably retained therein. The inclined grooves 10 are preferably arranged in transverse alignment and are so disposed that the lower edges of the plates 11 rest upon the tops of the ties 4.

The construction, operation, and advantages of the invention will be readily understood from the foregoing description, taken in connection with the accompanying drawings. It will be seen that the device is of simple, strong, and durable construction and that it may be erected at a comparatively small cost. By making the guard-plates removable it will be seen that they may be readily removed when surfacing the track. Instead of having the plates 11 extend transversely they may be arranged so as to extend longitudinally.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principles or sacrificing any of the advantages of the invention as defined by the appended claim.

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

A railway stock-guard comprising cross-ties, longitudinal track-supporting stringers secured upon said ties and formed in their side faces with inclined grooves, transverse beams connecting the ends of said stringers, longitudinal beams connecting the ends of said transverse beams and formed in their inner faces with inclined grooves, and corrugated metal plates slidably engaged with the grooves in said longitudinal beams and stringers and supported upon the tops of said cross-ties, substantially as shown and described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WALTER E. WAHLIN.

Witnesses:

JOHN SHEPHERD,
L. MOTH IVERSEN.