

SAMUEL. STRACK.

RAILWAY CATTLE GATE.

No. 120,343.

Patented Oct. 24, 1871.

Fig. 1.

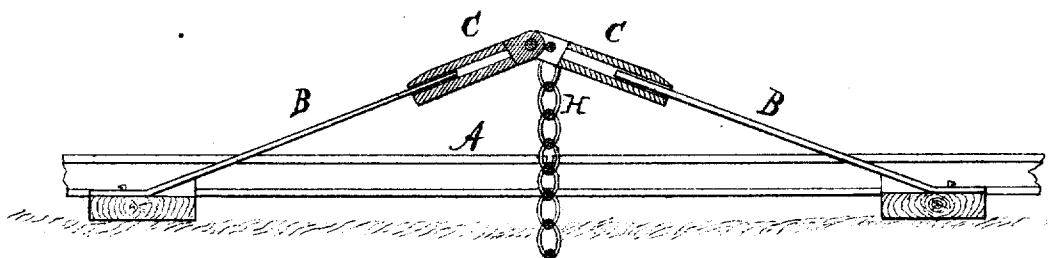
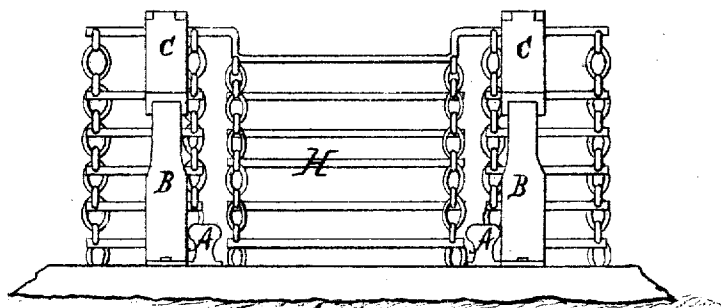


Fig. 2.



Witnesses.

E. H. Bates.

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SAMUEL STRACK, OF DOVER TOWNSHIP, PENNSYLVANIA.

IMPROVEMENT IN RAILWAY CATTLE-GUARDS.

Specification forming part of Letters Patent No. 120,343, dated October 24, 1871.

To all whom it may concern:

Be it known that I, SAMUEL STRACK, of Dover township, in the county of York and State of Pennsylvania, have invented a new and useful Improvement in Cattle-Guards for Railway-Tracks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification and to the letters of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my cattle-guard, and Fig. 2 is a sectional view thereof.

My invention relates to cattle-guards for railway-tracks; and consists in the novel construction and arrangement of devices intended to serve as efficient means for preventing animals from passing from the highway upon such tracks, as hereinafter particularly described.

To enable those skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation.

A of the drawing represents a railway-track, to the outer side of the rails of which I arrange the spring B by fastening the respective ends thereof to the railway cross-ties, as shown. C C represent central hinged bars, constructed as shown, and having in their respective ends hor-

izontal openings into which the front ends of the springs B are placed, and in which said springs move back and forth—that is to say, they move inward when the springs are depressed and outward when they are elevated. H represents a wire or slat fence attached to the bars C C, as shown, and constructed for folding when the springs and bars are pressed downward, but when said springs and bars are allowed to assume an upright position, said fence is unfolded and serves as a proper barrier against animals that otherwise might pass along the track.

It will be observed that my springs and bars are placed on the outside of the track rails, and hence are actuated by the tread of the car-wheels instead of the flanges thereof, as has heretofore been done in such devices. It will also be seen that the hinged bars connecting and operating with the springs serve to relieve them from excessive duty and thereby prolong their usefulness.

What I claim as my invention, and desire to secure by Letters Patent, is—

The improved cattle-guard, consisting of the sectional springs B, central hinged sleeves C C, and flexible fence H, substantially as specified.

SAMUEL STRACK.

Witnesses.

E. STRING,

H. H. SPANGLER.

(120)