WILLIAM S. HUNTINGTON.

Improvement in Railway-Track Gauges.

No. 114,563. Patented May 9, 1871.

Fig 1.

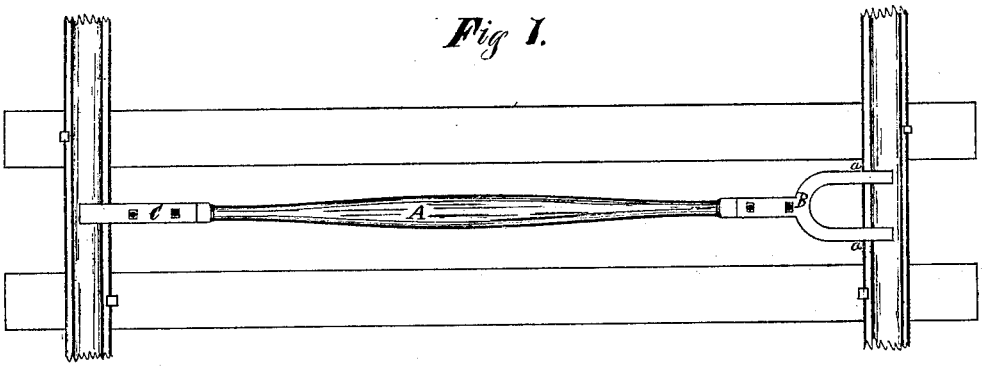
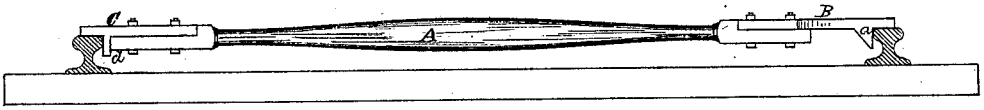


Fig 2.



Witnesses.

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WILLIAM S. HUNTINGTON, OF BYRON, MICHIGAN, ASSIGNOR TO HIMSELF AND ANSEL N. KELLOGG, OF CHICAGO, ILLINOIS.

Letters Patent No. 114,563, dated May 9, 1871.

IMPROVEMENT IN RAILWAY-TRACK GAUGES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM S. HUNTINGTON, of Byron, in the county of Shiawassee and State of Michigan, have invented a new and useful Improvement in Railroad-Track Gauges; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a plan or top view of my invention applied to the track, and

Figure 2 is a side elevation of the same

Similar letters of reference indicate corresponding parts in the several figures of the drawing.

My invention has for its object to provide a device by the use of which railroad rails may be placed at a uniform distance one from the other, whereby an even and parallel width of track is obtained; and

The nature of my improvement consists in the attachment of metal plates to the ends of the ordinary track-gauge, the arrangement of which is such as to bring said gauge uniformly at right angles with the rails, a description of which will be hereinafter more fully given.

In the accompanying drawing—

A represents the stock or body of the gauge. Said stock is made round, and slighly tapering from the center toward its ends, the object of which is to render the same light and convenient to handle.

Attached or firmly bolted to one end of said stock is a fork-shaped metal plate, B, so arranged as to allow its outer ends to rest upon the upper surface of the rail.

Secured to the lower side of said metal plate, near the outer end of each prong, are shoulders or projections *a' a*, extending downward below the wood portion or stock of the gauge.

The arrangement of such shoulders is such as to bring the stock of the gauge uniformly at a right angle with the track, as said metal plate is placed upon the rail.

Attached or firmly bolted to the opposite end of said stock is a metal plate, C, which is also provided with a like shoulder or projection, *d*, extending downward below the wood portion or stock of the gauge.

The object of extending said shoulders or projections downward or below the stock of the gauge is to allow the same to be used at guard-rails and frogs.

It is found, in using the ordinary track-gauge, that the track is not of a uniform width, as said guage will not at all times be at right angles with the track, and thus the distance between the same is changed.

By the use of my invention this difficulty is practically overcome, as the arrangement of the shoulders and plate B is such as to secure the gauge at right angles with the rail, and uniform width of track is obtained.

Having thus described my invention,

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

1. A railway gauge provided with the forked plate B, as shown, to rest on the rail, and having downward projections *a a*, the forked arms being arranged to facilitate the adjustment of the gauge, as set forth.

2. The lip *d* on the plate *c*, when made to project below the lower surface of the gauge, as set forth.

WILLIAM S. HUNTINGTON.

Witnesses:

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