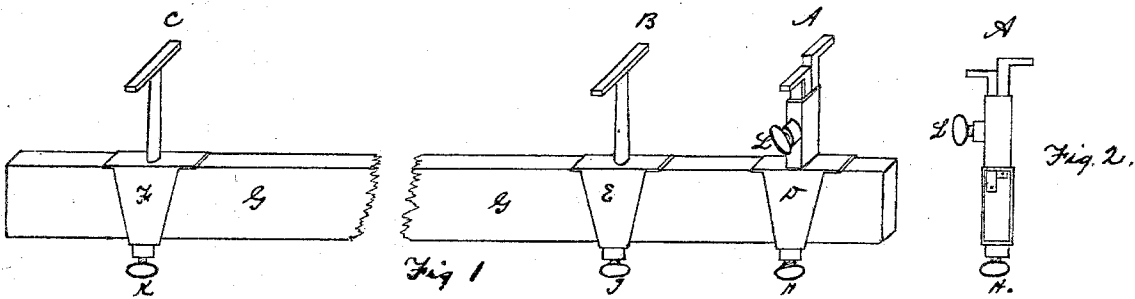


HENRY W. SPAULDING.

Improvement in Axle Gauges.

No. 115,778.

Patented June 6, 1871.



Witnesses

C. Rowland

N. L. English

Henry W. Spaulding

# UNITED STATES PATENT OFFICE.

HENRY W. SPAULDING, OF CHELSEA, VERMONT.

## IMPROVEMENT IN AXLE-GAGES.

Specification forming part of Letters Patent No. 115,778, dated June 6, 1871.

I, HENRY W. SPAULDING, of the town of Chelsea, county of Orange and State of Vermont, have invented certain Improvements in Carriage-Axle Adjusters, which, for economy of construction and reliability for the purpose intended, are believed to be superior to those now in use.

In the drawing, Figure 1 represents a perspective view of the improved adjuster, and Fig. 2 shows an end view of the standard A.

A, B, and C are three standards, of T-shape, fastened to the top of the slides D E F, which slide on the horizontal bar G. In said slides are set-screws H I K, intended to operate against said bar to keep each slide, with its T-standard, in the desired position on said bar. The standard A, belonging to the slide D, is different in plan of construction from those of standards B and C, being set in a socket in said slide, (where it can be moved up and down,) and is slitted into two parts perpendicularly through and down the central line of said T, each part of said T then forming an F. Both of said F-shaped parts moving perpendicularly, as aforesaid, in said socket, are operated upon, when desired, by the set-screw L, and may be adjusted at their proper desired heights by means of said screw. One side of said standard A, of said F-shape, is intended to give the proper "gather" of the axle, and

the other the proper "set" therefor, when said axle is submitted to or brought in contact with the three standards. The standard A is the most peculiar and prominent new feature in this invention, as by means of it, operating in conjunction with the standards B and C, the proper gather and true set for any axle may be reliably ascertained and determined. At the lower end of said T's in said slide D are two holes, as shown in Fig. 2, into which are inserted pins, which operate as stops to allow said F-parts to be raised in the slide, so that the two parts forming the one standard will, when drawn up as far as said pins will allow, be of the exact height of standards B and C, the three then forming a "straight-edge," being in a direct line one with the other.

Having thus stated the nature of my invention, what I claim is—

1. The standard A, arranged substantially as described, for the purpose intended.
2. The standard A, provided with the slide D, in combination with the standards B and C, provided, respectively, with the slides E and F, arranged and operating substantially as shown and described.

HENRY W. SPAULDING.

Witnesses:

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