

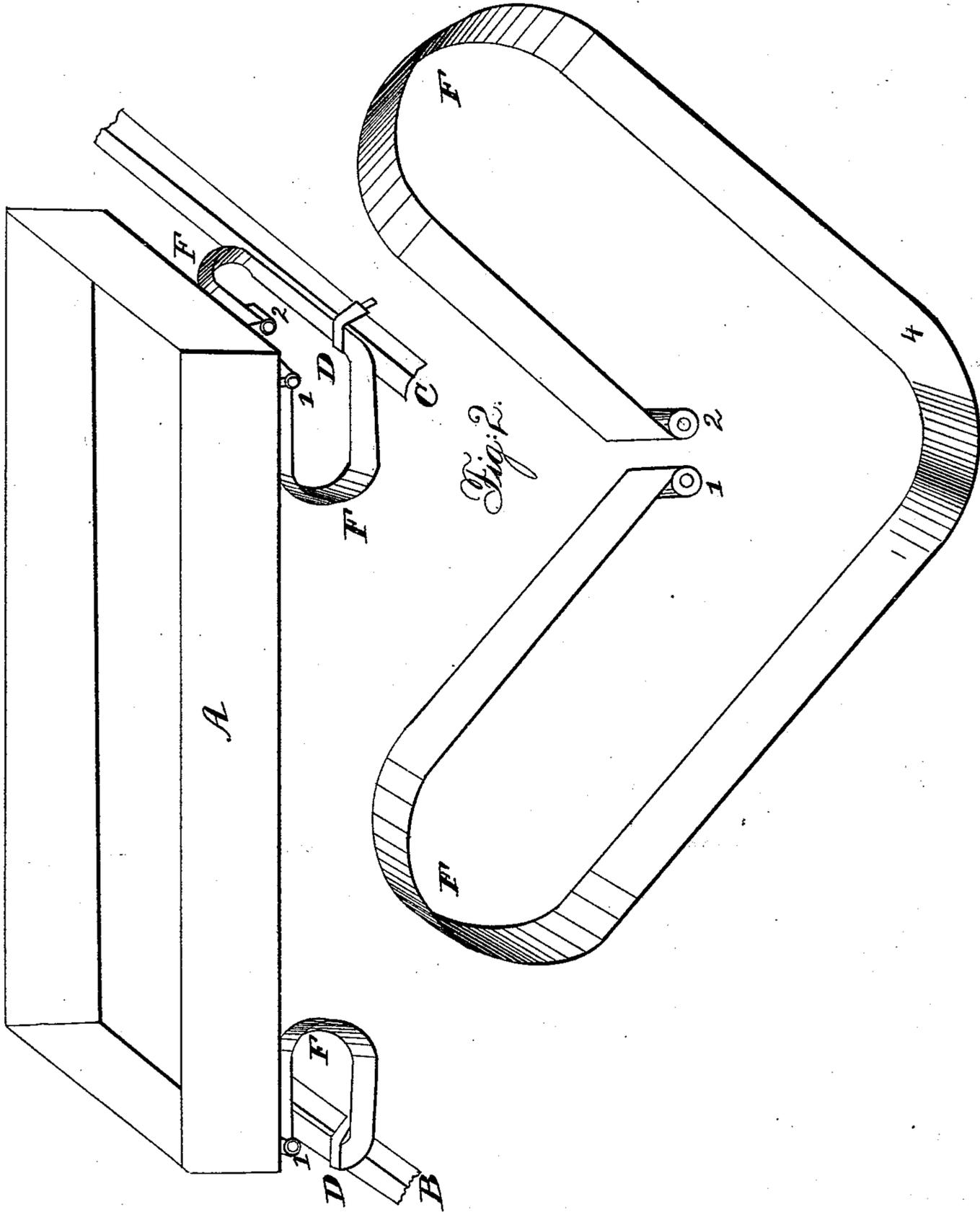
D. D. MATTESON.

Carriage-Spring.

No. 64,434

Patented May 7, 1867.

*Fig. 1.*



*Fig. 2.*

Witnesses  
A. B. Bushnell  
A. A. Lord

Inventor.  
D. D. Matteson

# UNITED STATES PATENT OFFICE

DAVID DICK MATTESON, OF HARMONSBURG, PENNSYLVANIA.

## IMPROVEMENT IN SPRINGS FOR VEHICLES.

Specification forming part of Letters Patent No. **64,434**, dated May 7, 1867.

*To all whom it may concern:*

Be it known that I, DAVID DICK MATTESON, of Harmonsburg, in the county of Crawford, State of Pennsylvania, have invented a new and Improved Spring for Carriages and Buggies; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon.

Figure 2 represents my spring detached from the buggy. It is made of one piece of steel, bent in the form shown in the drawing. The ends 1 2 are turned into eyes, to be thereby attached to the box of the carriage by a stirrup and bolt. The spring is fastened to the axle or spring-bar by a strap, D, Fig. 1. The spring is bent in the shape of a letter U at each end, and then the ends of the same bent at right angles to each other at 4, where the strap is placed.

Fig. 1 represents my spring attached to the buggy-box A at 1 2, and to the spring-bar C by the strap D, the part D F' being parallel with the end of the box, and the part D F parallel with the side.

Fig. 1 only represents one side of the buggy, with two springs attached, the other side being exactly similar.

There are four springs to each carriage, one at each corner.

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

A spring for carriages or buggies, constructed of one piece of steel, bent or formed in the manner described, constructed in the aforesaid combination and for the purposes set forth.

DAVID DICK MATTESON.

Witnesses:

A. B. RICHMOND,

A. A. LORD.