J. JENKINS.

LOCOMOTIVE SPRING.

No. 185,542. Patented Dec. 19, 1876.

Fig. 1

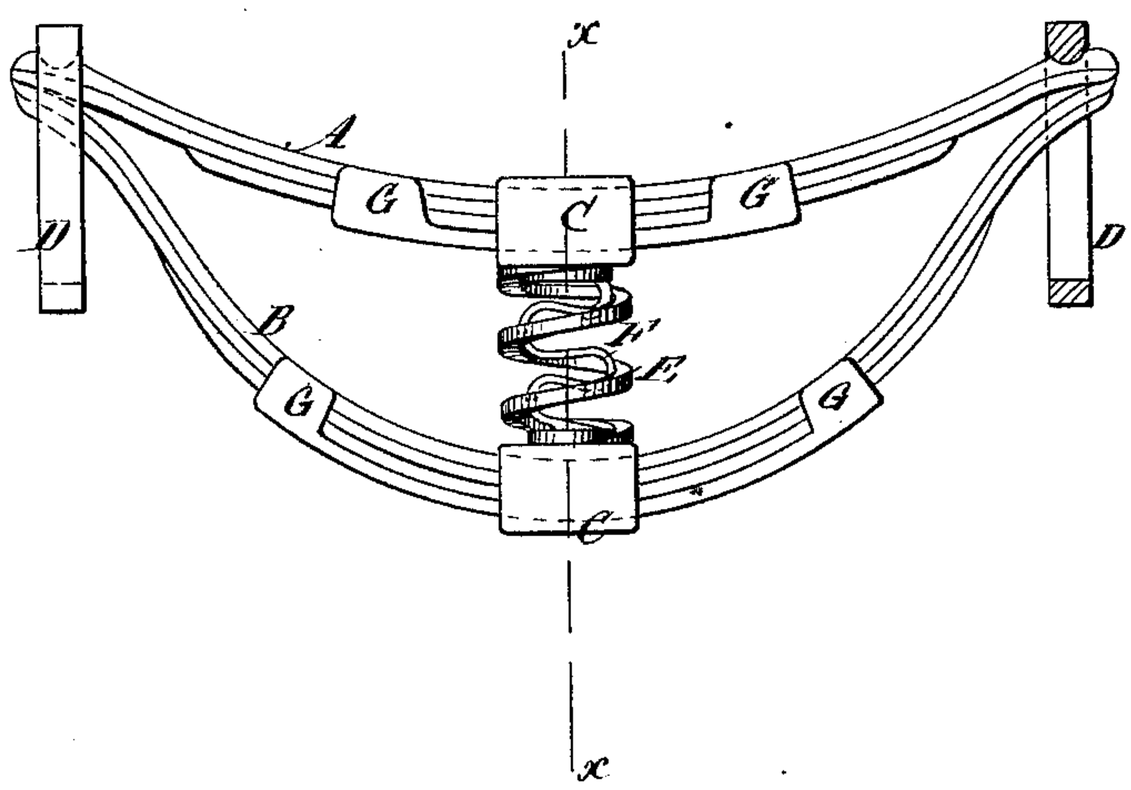
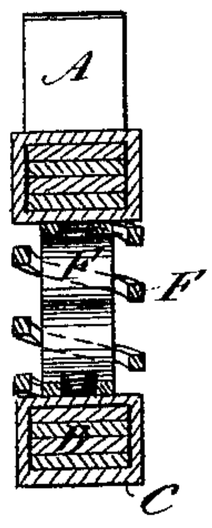


Fig. 2



WITNESSES:

C. Neveux

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INVENTOR:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

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JAMES JENKINS, OF CORTEZ, NEVADA.

IMPROVEMENT IN LOCOMOTIVE-SPRINGS.

Specification forming part of Letters Patent No. **185,542,** dated December 19, 1876; application filed July 11, 1876.

To all whom it may concern:

Be it known that I, JAMES JENKINS, of Cortez, Eureka county, Nevada, have invented a new and Improved Locomotive Driving-Spring, of which the following is a specification:

The invention will first be described in connection with drawing, and then pointed out in the claim.

Figure 1 of drawing is a side elevation; and Fig. 2 a vertical cross-section.

A represents the upper, and B the lower, spring, the former merely contacting with, and resting with its ends upon, the ends of the latter. C C are median clips, employed to embrace the edges of springs, and connected by the spiral spring E and internal flexible connection F, while G G are clips that prevent lateral displacement between the middle and ends. D D are guide-straps, which allow a free and independent movement to each of the springs A B upon the other, but not in a lateral direction.

This construction forms a locomotive drive-spring which not only possesses the requisite strength, but great elasticity and durability.

What I claim as new is—

A locomotive drive-spring whose upper and lower spring have their ends freely and independently movable in guide-straps secured from lateral displacement of the leaves, and provided with a median connection, substantially as shown and described.

JAMES JENKINS.

Witnesses:

SIMEON WENBAN,

OLIVAR BENSON.