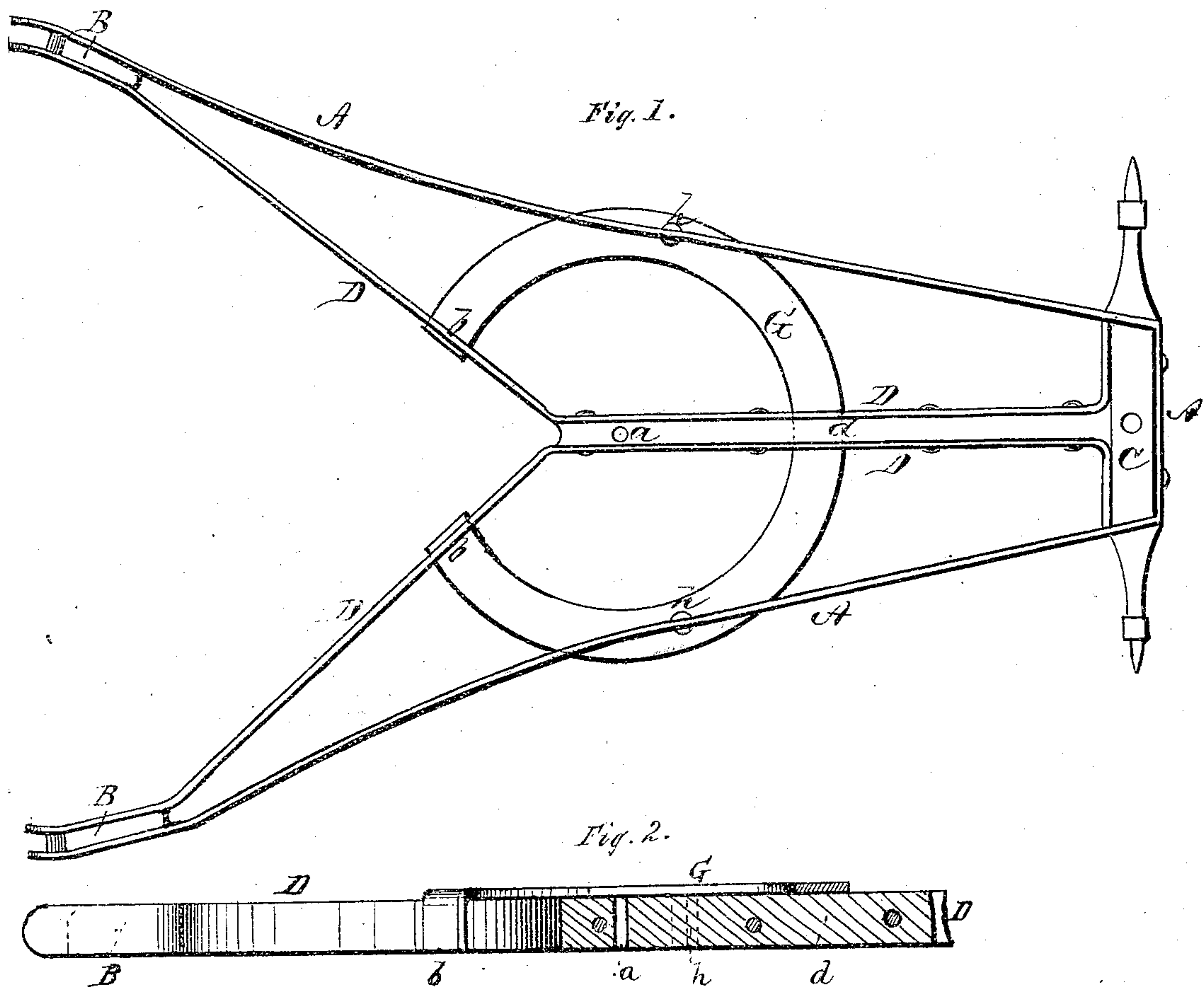


W. FISHER.
Fifth-Wheels for Vehicles.

No. 153,327.

Patented July 21, 1874.



WITNESSES:

L. B. Dietrich.
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INVENTOR.

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UNITED STATES PATENT OFFICE

WILLET FISHER, OF HOMER, NEW YORK.

IMPROVEMENT IN FIFTH-WHEELS FOR VEHICLES.

Specification forming part of Letters Patent No. **153,327**, dated July 21, 1874; application filed June 15, 1874.

To all whom it may concern:

Be it known that I, W. FISHER, of Homer, in the county of Cortland and State of New York, have invented certain new and useful Improvements in Wagons; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of the front running-gear or express-carriage part for platform spring-wagons, as will be hereinafter more fully set forth.

In the accompanying drawing, which represents a plan view of my invention, A is the outside futchell. This is made of one continuous piece of steel, malleable iron, or other suitable material, and runs from a block, B, to the cross-spring bar C; it then runs across the bar C, and to the block B on the other side. D D are the inside futchells, each running from one of the blocks B to the center or king-bolt *a*, forming a brace to the side futchell, and runs to the back bar C. These inside futchells are made arching about one and three-fourth inch from the points *b* to the blocks B, and from the point *d* to the back bar C. The outside futchell A runs straight from each

block B to the bar C. G represents the fifth-wheel, placed on the arched-center futchells D, and attached to the outside futchell A by a forged post, *h*, and clip. The inside futchells D being arched, and the outside running straight, gives a great amount of strength, and a direct center draft is obtained from the king-bolt *a*.

I am aware that fifth-wheels have been constructed which bear some general resemblance to mine. The novelty of my improvement consists, however, in an arrangement of the parts, which I believe to possess advantages peculiar to it alone.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the straight continuous outside futchell A, blocks B B, bar C, arched inside futchells D D, and fifth-wheel D, all constructed substantially as and for the purposes set forth.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

WILLET FISHER.

Witnesses:

E. L. PIERCE,
PETER SIDMAN.