

E. JOUBERT & J. H. WHITE.
Buck-Board.

No. 223,920.

Patented Jan. 27, 1880.

Fig. 1.

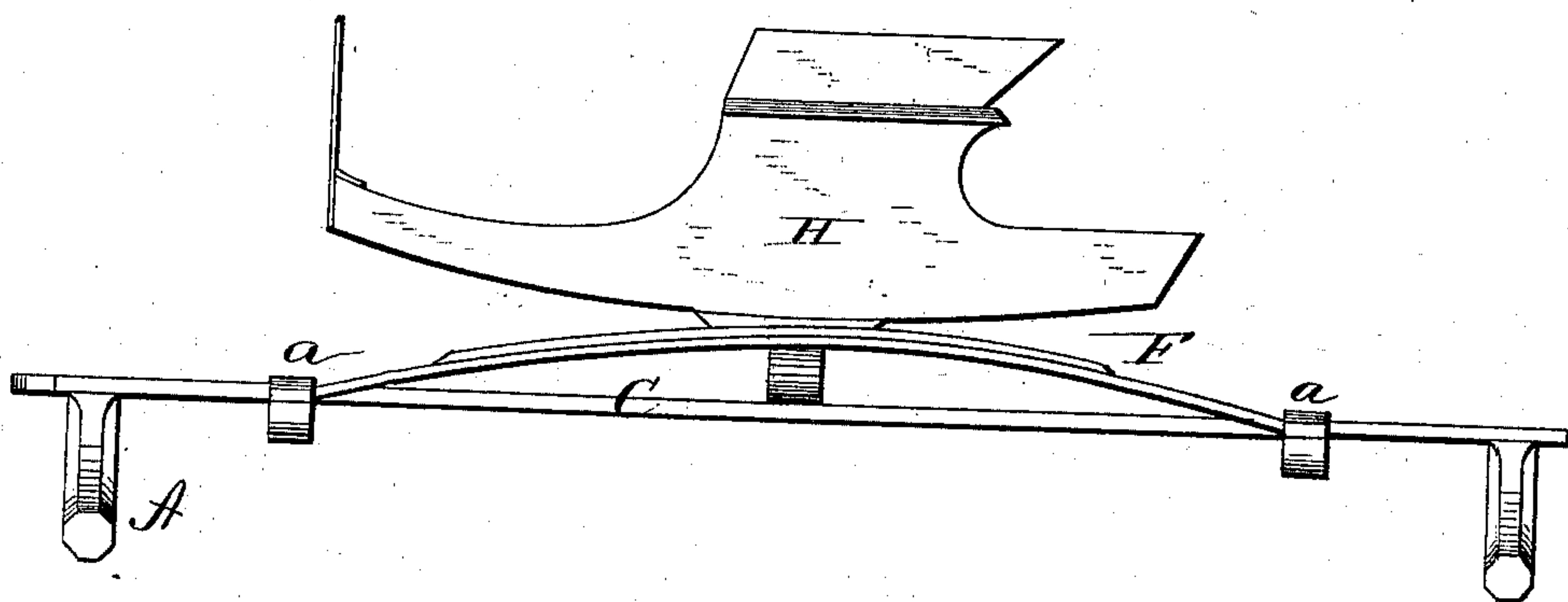
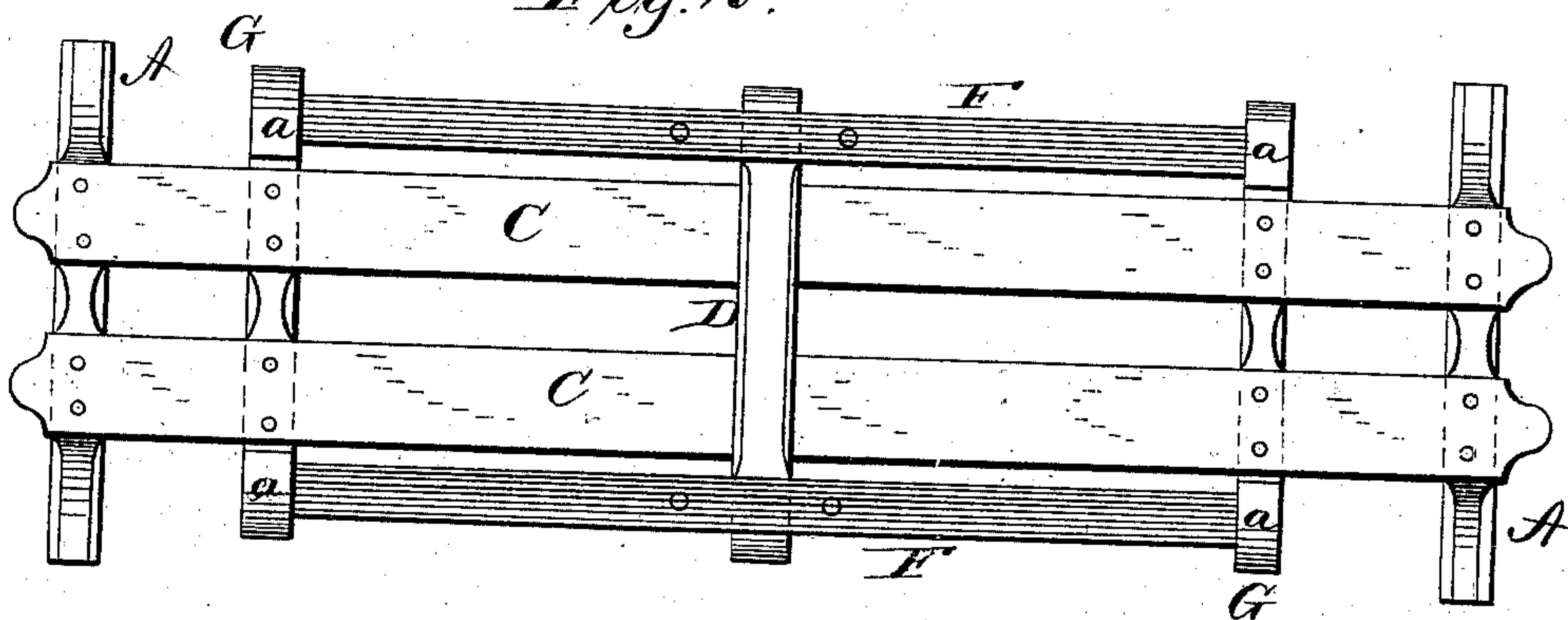


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

EDWARD JOUBERT AND JAMES H. WHITE, OF GLENS FALLS, NEW YORK.

BUCKBOARD.

SPECIFICATION forming part of Letters Patent No. 223,920, dated January 27, 1880.

Application filed December 18, 1879.

To all whom it may concern :

Be it known that we, EDWARD JOUBERT and JAMES H. WHITE, of Glens Falls, in the county of Warren, and in the State of New York, have invented certain new and useful Improvements in Spring-Buckboards; and we 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, making a part of this specification.

Our invention relates to buckboard-wagons; and it consist in a self-supporting side-spring attachment as a "riser" to raise the wagon-body from the boards or slats, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side elevation of a buckboard-wagon embodying our invention. Fig. 2 is a plan view of the same with the body removed. A A represent the front and rear head-blocks, on which are secured the boards or slats C C. On top of these boards or slats is a central cross-bar, D, and over each end of said cross-bar is passed a semi-elliptic spring, F, made of one or more leaves, and having its ends inserted and held in keepers *a a* on the ends of cross-bars G G, which are fastened to the boards or slats C on their under side a suitable distance from the ends.

H is the wagon-body, secured on top of the springs F above the center cross-bar, D.

By the use of the springs F as a riser, raising the body off from the boards or slats, we avoid the otherwise disagreeable tremble, rattle, and drumming of the feet, canceling or avoiding the most serious objection to buckboard-wagons.

We are aware that springs have been arranged in connection with and below the buckboard of a wagon; but in such case the seat or body rests directly on the board and is but very little raised above the axles. In our invention the springs are so arranged as to elevate the seat or body above the boards or slats.

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

In combination with the boards or slats C C and body H, the central cross-bar, D, above, and the cross-bars G G below, the boards, and the springs passing over the ends of the top cross-bar, and their ends held in keepers *a a* on the ends of the under bars, all substantially as herein shown and described.

In testimony that we claim the foregoing we have hereunto set our hands this 15th day of December, 1879.

EDWARD JOUBERT.
JAMES H. WHITE.

Witnesses:

HENRY GROVER,
CALHOUN S. ENDERS.