

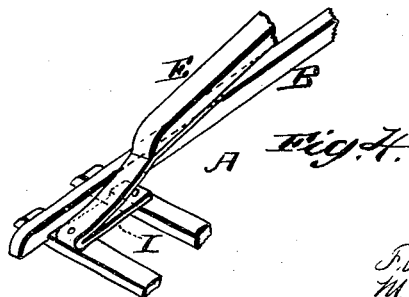
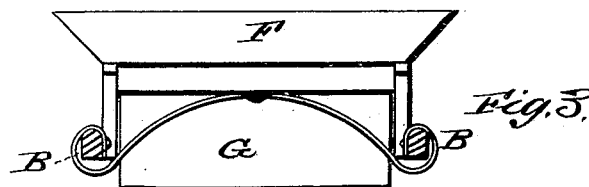
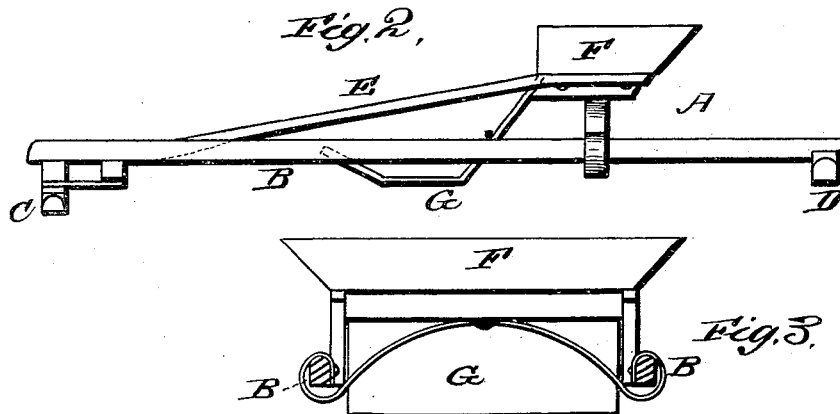
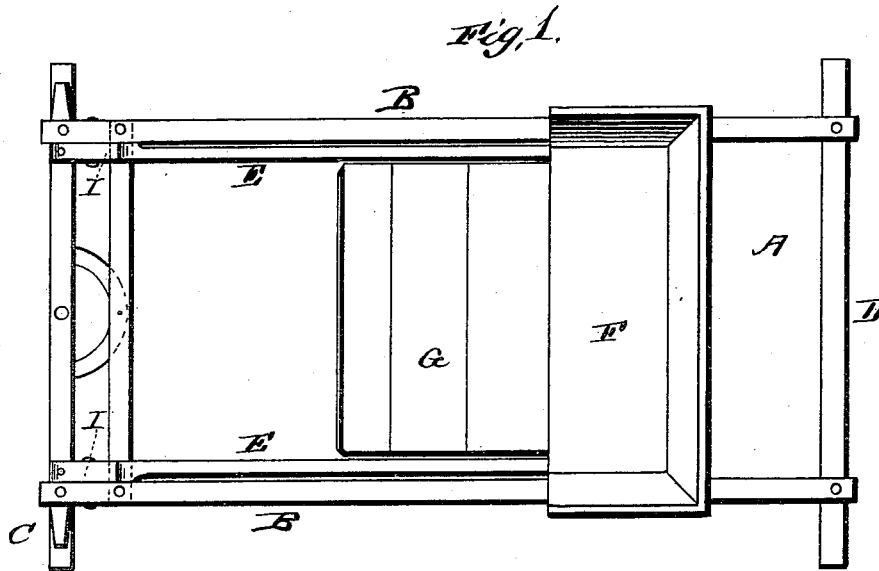
(No Model.)

F. & M. D. DOHERTY.

BUGGY.

No. 262,381.

Patented Aug. 8, 1882.



WITNESSES
E. H. Bates
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INVENTORS
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UNITED STATES PATENT OFFICE.

FISHER DOHERTY AND MARSHALL D. DOHERTY, OF CRAWFORDSVILLE,
INDIANA.

BUGGY.

SPECIFICATION forming part of Letters Patent No. 262,381, dated August 8, 1882.

Application filed April 8, 1882. (No model.)

To all whom it may concern:

Be it known that we, FISHER DOHERTY and MARSHALL D. DOHERTY, citizens of the United States, and residents of Crawfordsville, in the county of Montgomery and State of Indiana, have invented a new and valuable improvement in Buggies and Phaetons; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top or plan view of our buggy. Fig. 2 is a side view of the same. Fig. 3 is a rear view, and Fig. 4 is a detail view.

This invention has relation to buggies and phaetons; and it consists in the novel construction and arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claim.

In the accompanying drawings, the letter A designates the frame or gear of the buggy or phaeton, having the side bars, B, and supported on the front axle, C, and the rear axle, D.

E E represent inclined spring-bars, arranged at each side over or just inside of the side bars by preference, and securely bolted through their front ends to the front ends of the side bars or to the bolster and cross-bar, which form a part of the gear in front; or the inclined bars E may be connected to the gear in front by means of double-branch springs I, of > or < form, to the upper branches of which the said bars E are bolted, while the lower branches thereof are bolted to the cross-bars of the frame A.

On the inclined spring-bars E E, which are made of wood, the seat F is secured, being bolted thereto, and the foot-rest G is also connected to the inclined spring-bars or to the seat F, supported thereby, or to both inclined bars and seat, the object being to provide for unity of spring movement in the seat and foot-rest.

When the ends of the inclined spring-bars E are bolted directly to the frame in front, the double-branch spring I being omitted, an auxiliary spring (or springs) is designed to be used farther in rear between the side bars and spring-bars or between the side bars and seat.

It is not broadly new to support the seat and foot-rest of a vehicle on springs and spring-bars, and we make no broad claim to such a construction.

Having described this invention, what we claim, and desire to secure by Letters Patent, is—

In a buggy or phaeton having the side-bar frame or gear A, the combination, with said frame or gear and the inclined spring-bars E E, supporting the seat and foot rest, of the double-branch springs I, extending in the direction of the length of the spring-bars, and reversed underneath for attachment to the frame, substantially as specified.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

FISHER DOHERTY.
MARSHALL D. DOHERTY.

Witnesses:

AL ROWINGER,
H. D. DUNNINGTON.