

I. L. VANSANT.

Carriage-Seat.

No. 28,792.

Patented June 19, 1860.

Fig. 1.

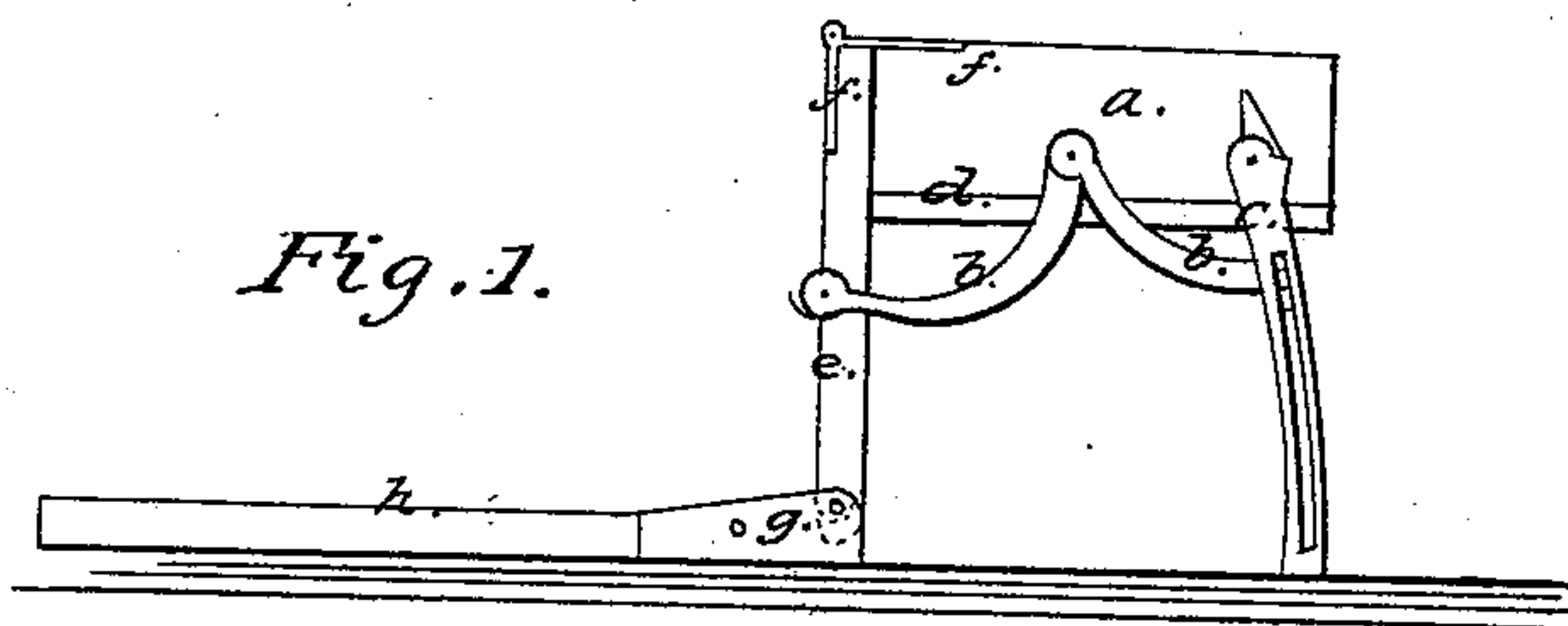


Fig. 2.

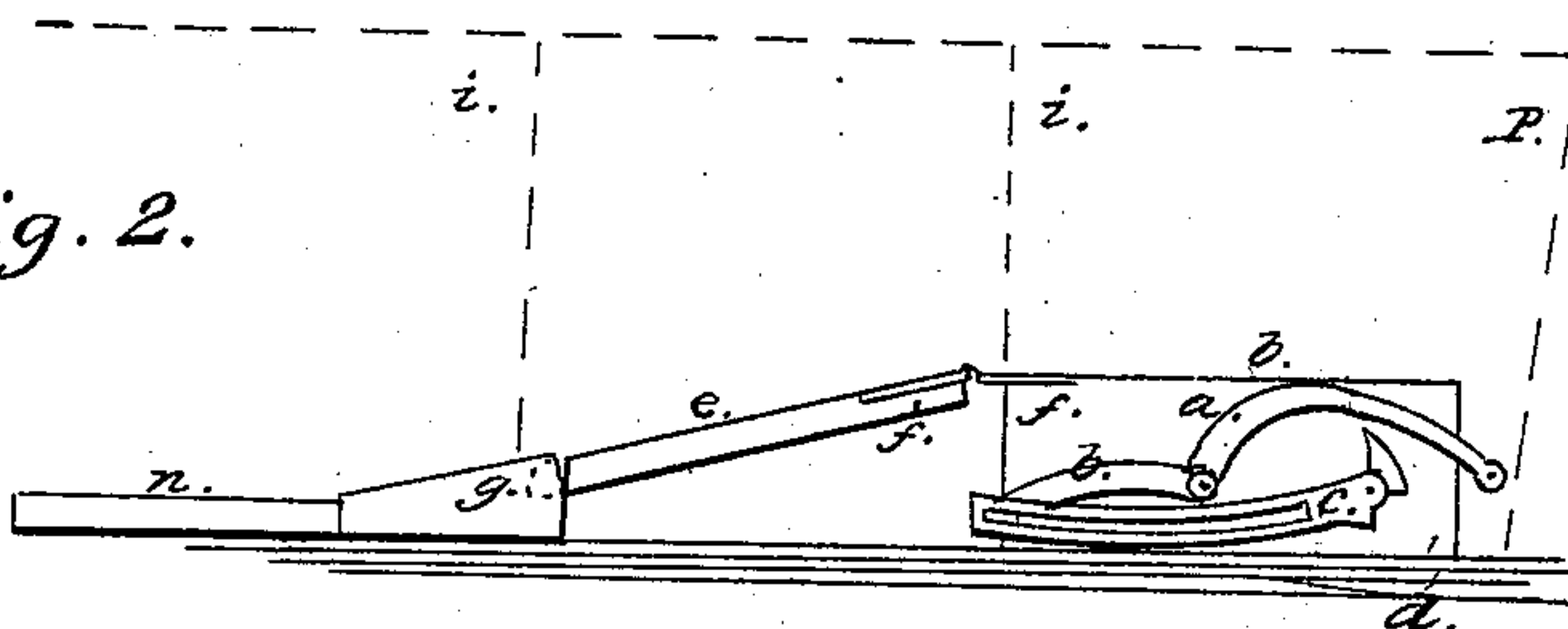
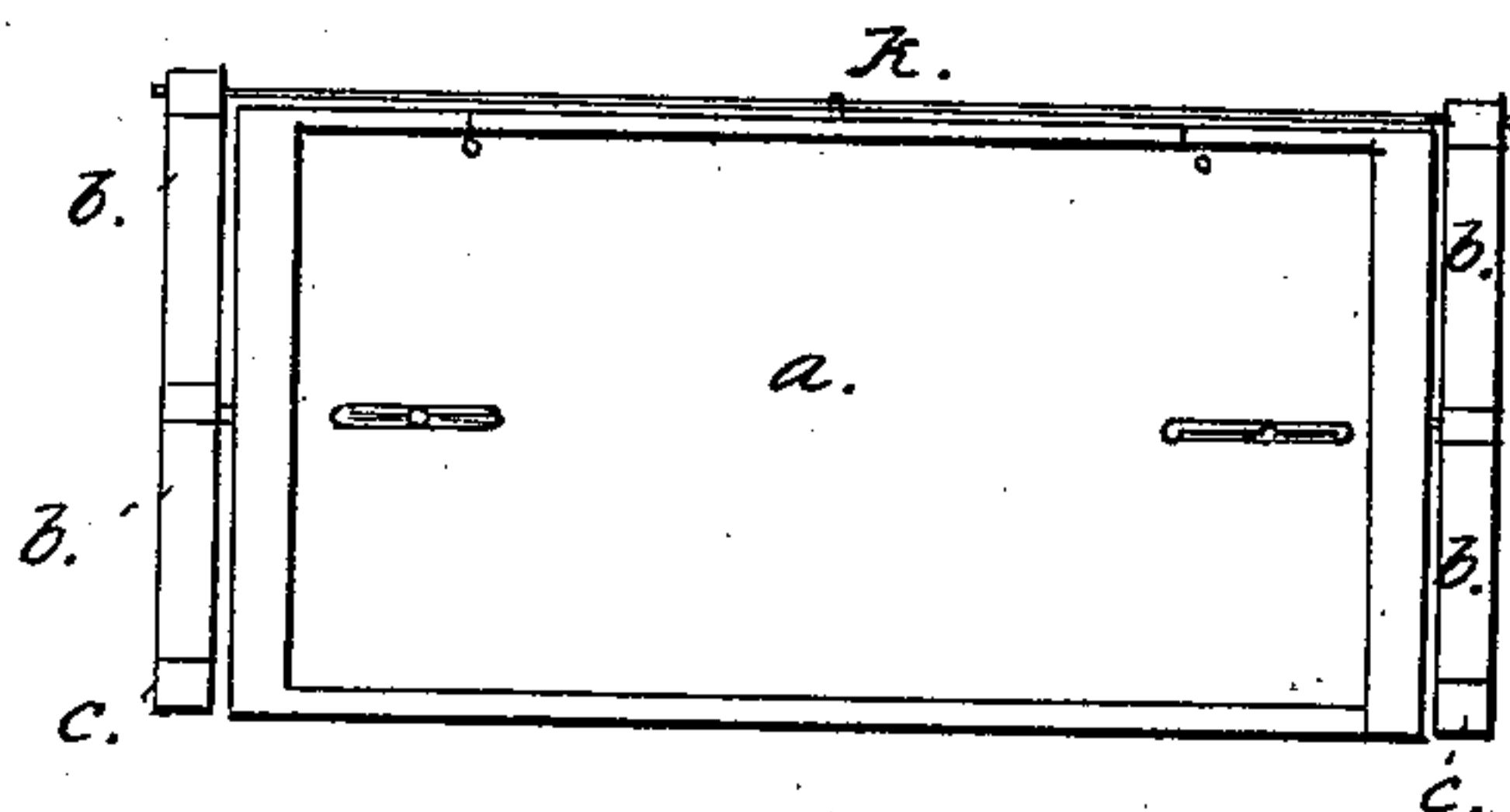


Fig. 3.



Witnesses:

Q. Jester
Geor. W. Hastings.

Inventor:

Isaac Leru Vansant

UNITED STATES PATENT OFFICE.

ISAAC L. VANSANT, OF RED LION, DELAWARE.

ADJUSTABLE CARRIAGE-SEAT.

Specification of Letters Patent No. 28,792, dated June 19, 1860.

To all whom it may concern:

Be it known that I, ISAAC LERU VANSANT, of Red Lion, in the county of New Castle and State of Delaware, have invented a Self-Adjusting Carriage-Seat; and I 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, in which—

Figure 1 is a side elevation of the seat in its place when in use. Fig. 2 is a side view showing the position of the seat when thrown down or out of the way and Fig. 3 is a ground plan or view of the upper surface of the seat when in the position of Fig. 1.

To enable others skilled in the art to make and use my self adjusting carriage seat I will proceed to describe its construction and operation—as follows:

I construct my self adjusting carriage seat in the usual form as far as the seat or upper surface is concerned of wood or cast iron. The hind legs *e* of the seat are attached to the body of the seat "*a*" by means of a hinge "*f f*" the fore legs "*c*" are double slotted to permit the passage of the arm of the compound lever "*b*." These legs "*c*" are also hinged to the body by a knuckle joint. The hind legs "*e*" I set in a shoe "*g*" and fasten there with a pin so as to permit them to move backward and forward freely. These shoes *g* are so constructed as to slide upon the dove tailed ways "*h*" and are fastened to their place at pleasure by means of a screw or clamp. The rear ends of the compound levers, or arms are connected by means of an iron rod or heavy wire *k* which by means of the catch in the back of the seat when elevated in place holds the legs or feet of the seat firmly in place. The seat I construct of a double thickness the lower part being composed of two pieces so that when the seat requires widening or shortening it can be widened or shortened by slipping the two

under pieces or halves backward or forward, by means of the pins running in the slots shown in Fig. 3 and you have the desired length. If the seat is constructed of wood it needs only a single piece of wood as the extension and contraction of the width of seat are not necessary in seats of wood. The ways "*h*" are fastened in a horizontal position to the sills of the carriage.

The operation and use of this seat is as follows: When the seat is in place or in an upright position, and it is desirable to remove it out of the way of parties entering or getting out, all that is necessary to throw it into the position shown in Fig. 2 is to elevate the levers by means of the rod until they draw the forward legs in, when the whole seat is gently thrown close against the front of the wagon, or forward at the same distance as the space occupied by the seat when upright and is out of the way of the riders. The construction of this seat is so that it may be set close against the dash board, and when wanted out of the way by the same process can be set readily in a perpendicular position against the dash board. When the seat is in the position shown in Fig. 2 if not needed, by reversing the seat upon the hinges "*f f*" it can be readily slipped under the back seat.

I do not claim the hinged or knuckled legs, the slotted legs levers, or arms shoes or ways, in themselves as apart nor the extension bottom of the seat. But

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

The combination of the hinged, knuckled and slotted legs with the levers shoes and ways as herein described and shown by my drawings as (and for the purposes of) a self adjusting carriage seat composed wholly or in part of iron or other suitable metal or wood as hereinbefore set forth.

ISAAC LERU VANSANT.

Witnesses:

EMILY W. WIGGINS.

WM. B. WIGGINS.