

(No Model.)

A. McLEAN.

EXTENSION BABY CARRIAGE.

No. 329,579.

Patented Nov. 3, 1885.

Fig. 1.

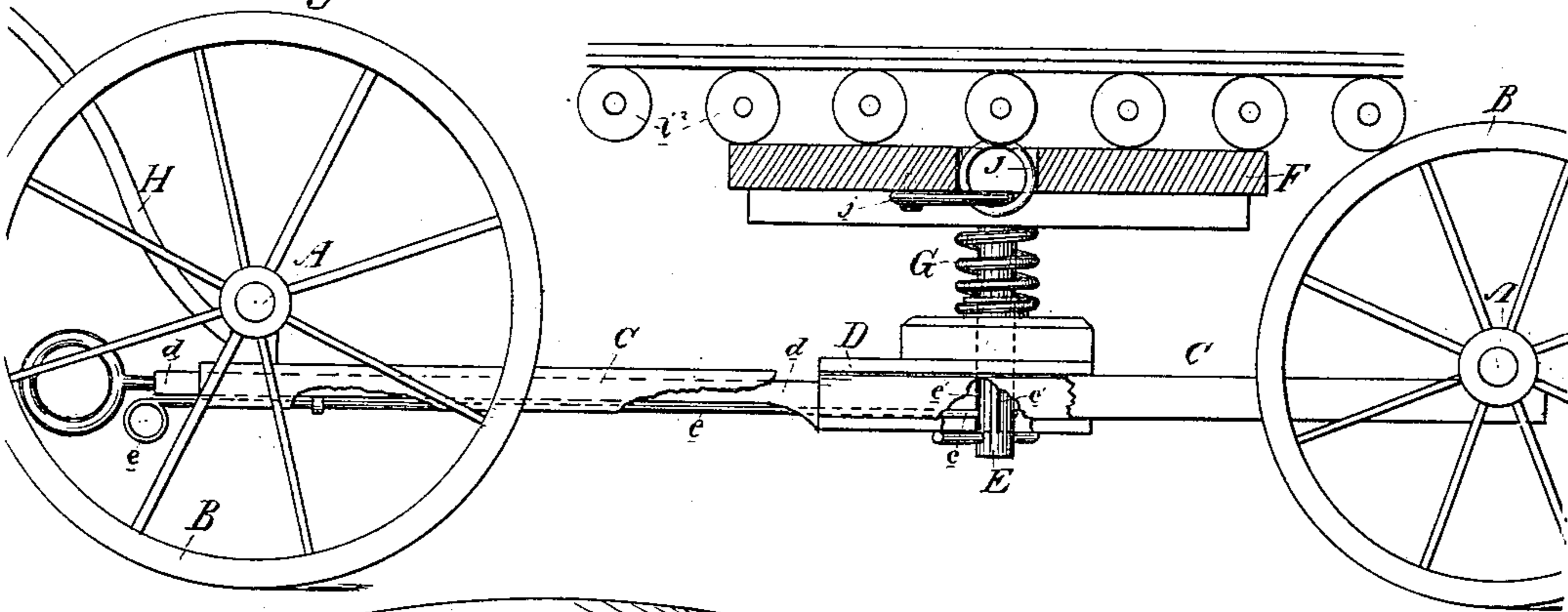
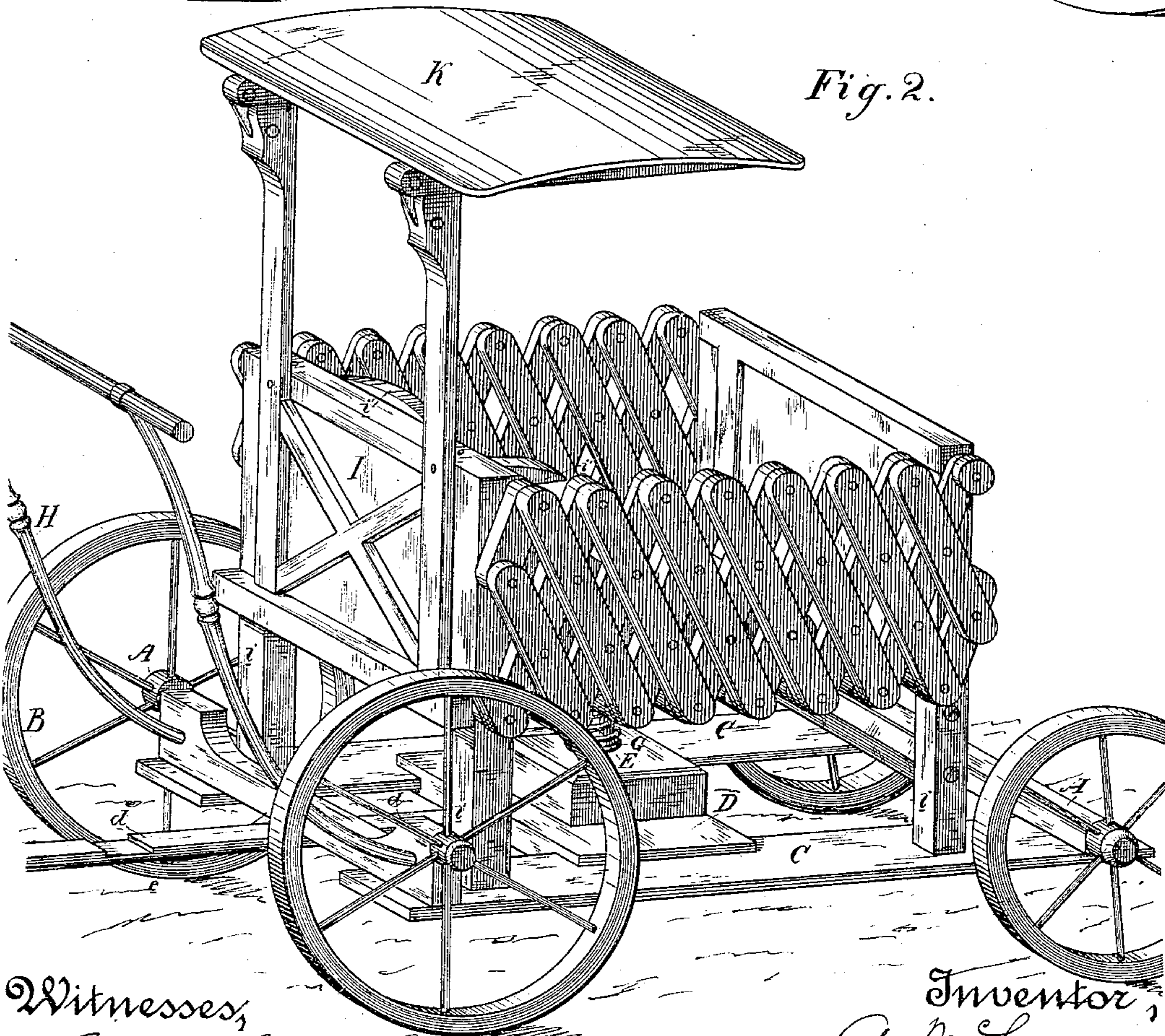


Fig. 2.



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UNITED STATES PATENT OFFICE.

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EXTENSION BABY-CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 329,579, dated November 3, 1885.

Application filed October 27, 1884. Serial No. 146,611. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY McLEAN, of the city and county of San Francisco, and State of California, have invented an Improvement in Extension Baby-Carriages; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to that class of children's carriages which are adapted to be readily converted into other forms of receptacles or devices, according to the necessities of particular times; and my invention consists in the arrangement and construction, hereinafter described, of the running-gear, the carriage-body, and various attachments by which the conversion of the carriage into other articles is accomplished, all of which I shall now fully explain.

Referring to the accompanying drawings, Figure 1 is an elevation of the running-gear or wagon. Fig. 2 is a perspective view of the baby-carriage partially closed and provided with the awning.

A are the axles, having wheels B. C are the reaches connecting the axles. Between the reaches is mounted a sliding traveler, D, which is moved back and forth by a handle, *d*, extending rearwardly. Through the center of the traveler extends a shaft or king-bolt, E, to the upper end of which is secured the platform F. Around the king-bolt is the spiral spring G, which gives the required spring to the platform. The shaft or king-bolt is adapted to be rotated, so that the platform F may also rotate; but in order to hold it in any desired position I have the spring-rod *e*, passing in suitable guides into the handle *d*, and engaging with vertical slots *e'*, made in the lower end of the king-bolt. The king-bolt is prevented from rising from its position by means of a cross-pin underneath. When the spring-rod is pulled away from its engagement with the slots in the king-bolt, the platform F may be turned around, and when said rod is released and allowed to spring to its engagement with the king-bolt the platform is fixed to its position.

It will be observed that by reason of the elongated slots *e'* in the king-bolt, with which the spring-rod *e* engages, said king-bolt may have its vertical movement actuated by the

spiral spring without disengaging itself from the spring-rod.

The parts thus described, when provided with the handle H, may form a wagon of themselves, as shown in Fig. 1; but their principal function is as running-gear for the carriage.

I, Fig. 2, is the body of the carriage, having corner-posts and legs *i*. Its sides are constructed of lattice-work, the strips of which are suitably pivoted to each other, whereby the whole body is adapted to be extended or contracted. The strips on each side are connected by the bars *i'*, as in Fig. 1. The bottom of the body is in two pieces, (separated transversely,) one of which carries the seat *i'*. The other portion is adapted to pass under the seat portion when the body is contracted, and to extend outwardly and join said first portion on the same level when the body is extended to its limit. In this way the carriage may serve as a single carriage when contracted and as a double carriage when extended. The body I is mounted upon the platform F, and secured in any suitable manner, as by the staples J, which pass down through suitable apertures in the platform, and are engaged by latches or hooks *j*, which may also be spring-bolts, if preferred. The body when thus secured to the running-gear may be extended or contracted, as heretofore described, and may be pushed forward by means of the handle *d* and the traveler D, in order to enable its legs to clear the hind wheels, when the whole body may be rotated by reason of the rotating platform on which it is secured, as heretofore described. The object of this rotary motion to the body is to so turn the face of the occupant as to provide for its comfort and protection against wind &c. The body, being thus centrally mounted upon the spiral spring, has all the necessary spring adjustment for the purpose of giving comfort. If, unfortunately, a storm of rain should arise, or if the sun should be uncomfortably warm, the body may be contracted to its innermost limit, when it will be small enough to allow the awning K, Fig. 2, to completely shield the occupant. This awning is secured in suitable manner to the head of the body, and its top is hinged to its standards, whereby it may be thrown back out of the way when desired.

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

1. In a baby-carriage, the sliding traveler 5 D, having handle *d*, and mounted on the reaches of the running-gear, in combination with the rotary king-bolt E, rigidly secured to the body and mounted in the traveler, the platform F, mounted upon the king-bolt, 10 and having apertures for staples J, and suitable latches for said staples, a spiral spring surrounding the king-bolt and supporting the platform, and a body secured to the king bolt and adapted to rotate the same, substantially 15 as and for the purpose herein described.

2. In a wheeled vehicle, the combination of a body, I, having a divided bottom, between the sides of which moves a traveler, a rotary king-bolt, the lattice-work strips which constitute the sides of the body, and the bars *i*², 20 which join these sides together, substantially as described.

3. In a baby-wagon, the body suitably supported on a perforated platform, the king-bolt which is vertically reciprocating through 25 the perforated platform, and provided with a

spring, G, also having the elongated slots in its lower portion, which are adapted to receive the end of the spring-rod *e*, and by their elongation facilitate the vertical reciprocation 30 of the king-bolt and body without withdrawing the spring-rod, substantially as set forth.

4. In a baby-carriage, the body suitably supported on the king-bolt, which extends through a hole in the platform of the wagon, 35 and which is provided with a series of elongated slots in its lower portion adapted to receive the spring-rod *e*, in combination with the spring G and the spring-rod *e*, whereby the carriage-body may be made to automatic- 40 ally reciprocate vertically, and also be adjusted to different angles to the front of the carriage on account of wind or sunshine, as the case may be, substantially as and for the purposes set forth. 45

In witness whereof I have hereunto set my hand.

ANTHONY McLEAN.

Witnesses:

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