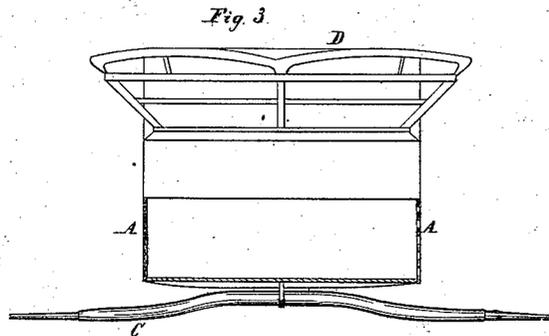
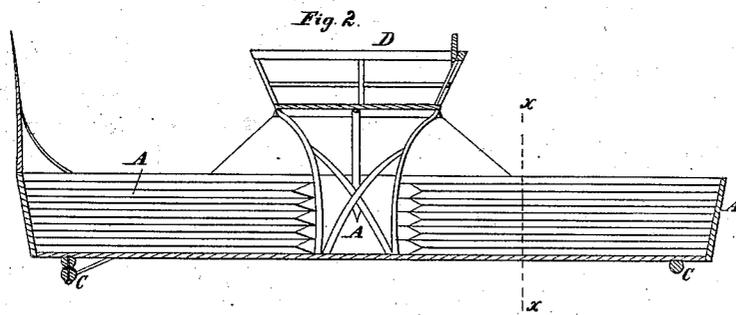
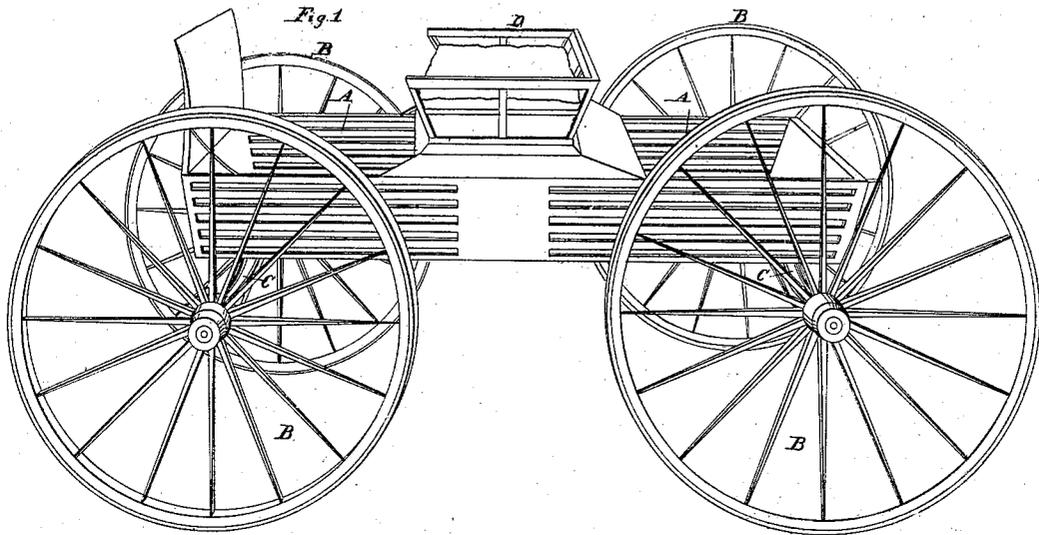


G. B. DURKEE.
CARRIAGE.

No. 8,118.

Patented May 27, 1851.



UNITED STATES PATENT OFFICE.

GEO. B. DURKEE, OF ALDEN, NEW YORK.

CARRIAGE.

Specification of Letters Patent No. 8,118, dated May 27, 1851.

To all whom it may concern:

Be it known that I, GEORGE B. DURKEE, of Alden, in the county of Erie and State of New York, have invented a new and Improved Mode of Constructing Carriage-Bodies, of which the following specification, taken in connection with the accompanying drawings and references, is a sufficiently clear and comprehensive description to enable others of competent skill to make and use my invention.

The nature of my invention consists in forming the sides of the box of the carriage of a series of springs of wood or other material. Confining the ends of the said springs or rods at the corners of the box, and also attaching them to each other, in the center of the said sides—the springs being generally (but not necessarily) placed one above the other producing when the carriage is sprung by persons upon the seat—a curved tray shaped box (the curve downward) which shall comprise cheapness, lightness and elasticity with beauty and strength.

Figure 1, is a perspective view of the whole carriage. Fig. 2, is a longitudinal vertical section of do, the wheels being removed, cut through the center. Fig. 3, is a vertical transverse section to the left of the line X, X, Fig. 2.

A is the box or body of the carriage. B, B, &c. are the wheels. C, C, the axles, and D, the seat. The box may be made in nearly any of usual forms (external shape) now in use. The bottom of the box is of hard wood made thin elastic the boards of which run lengthwise of the body, or strips of wood may run lengthwise and the floor or bed be laid crosswise.

The sides of the box are made of rods of hard elastic wood, or other suitable material, the rods being of any desired shape as round or square, and of a diameter proportionate to the amount of weight to be sustained, varying from one half to one inch. These rods (or springs) are placed nearly or quite parallel with each other. Where they pass the uprights upon which the seat rests, they are made square and rest upon each other firmly, these uprights being made fast to them. The ends of these rods are secured to the corners of the box by dovetailing to the end boards, or fastened in any other convenient manner, the corner of the box being covered with moldings renders it more firm, or the sides of the box may be made of boards, slit from their ends nearly to their centers, at which place the uprights above named are attached. The number of pieces (rods springs or slats) which form the sides of the box may also be, as the load to be supported, varying from four to eight or more six is perhaps the best number, upon a side. The box may rest upon the axles, C, C, the back part of the body being firmly fastened to the back axle, no reach need be used.

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

Making the sides of the bodies or boxes of carriages of a series of springs, slats, or bars, when the same are constructed and operate substantially as herein set forth and described.

GEORGE B. DURKEE.

Witnesses:

THOMAS P. HOW,
JOHN B. FAIRBANK.