

(No Model.)

G. A. SEARS.
CARRIAGE SEAT.

No. 294,916.

Patented Mar. 11, 1884.

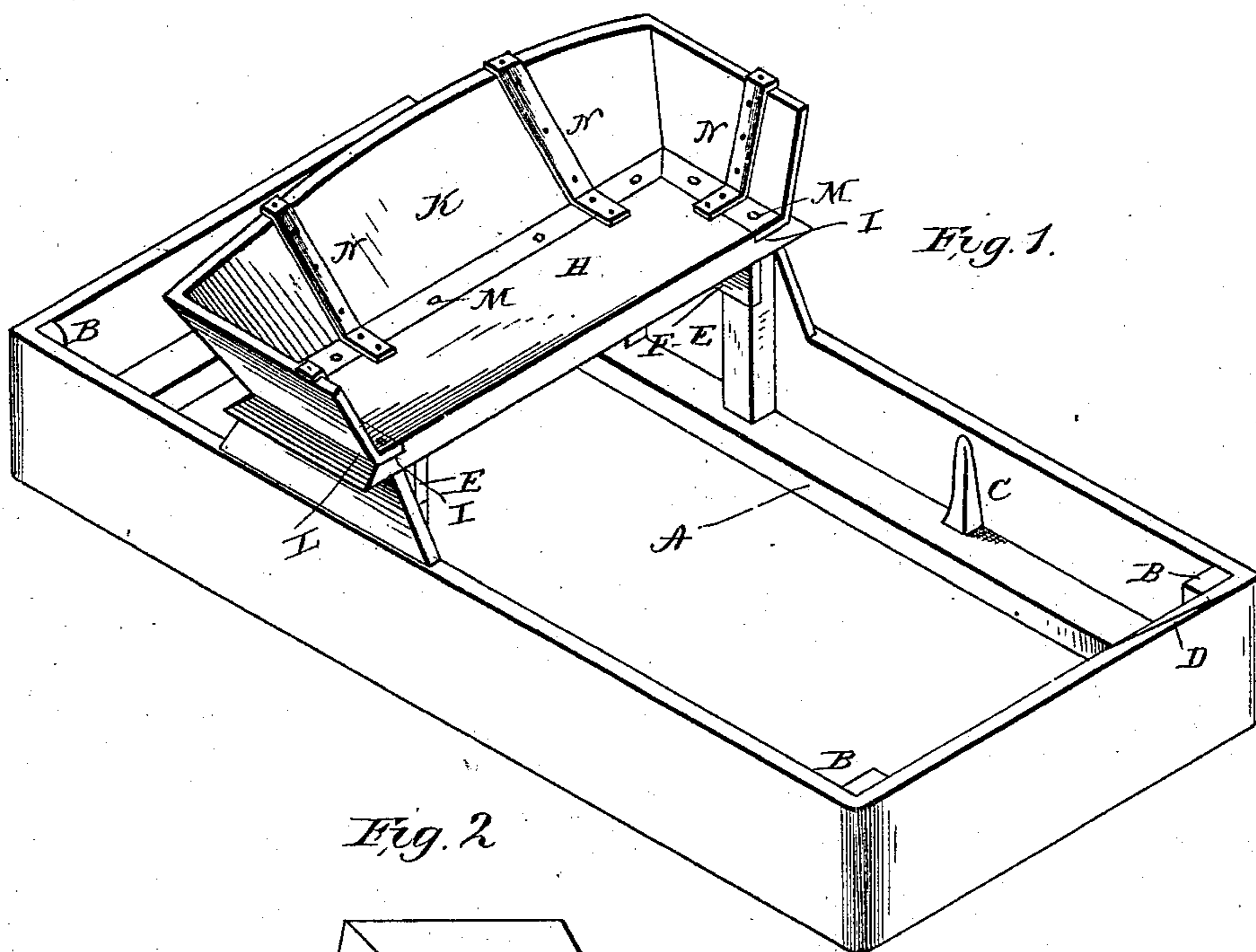


Fig. 2

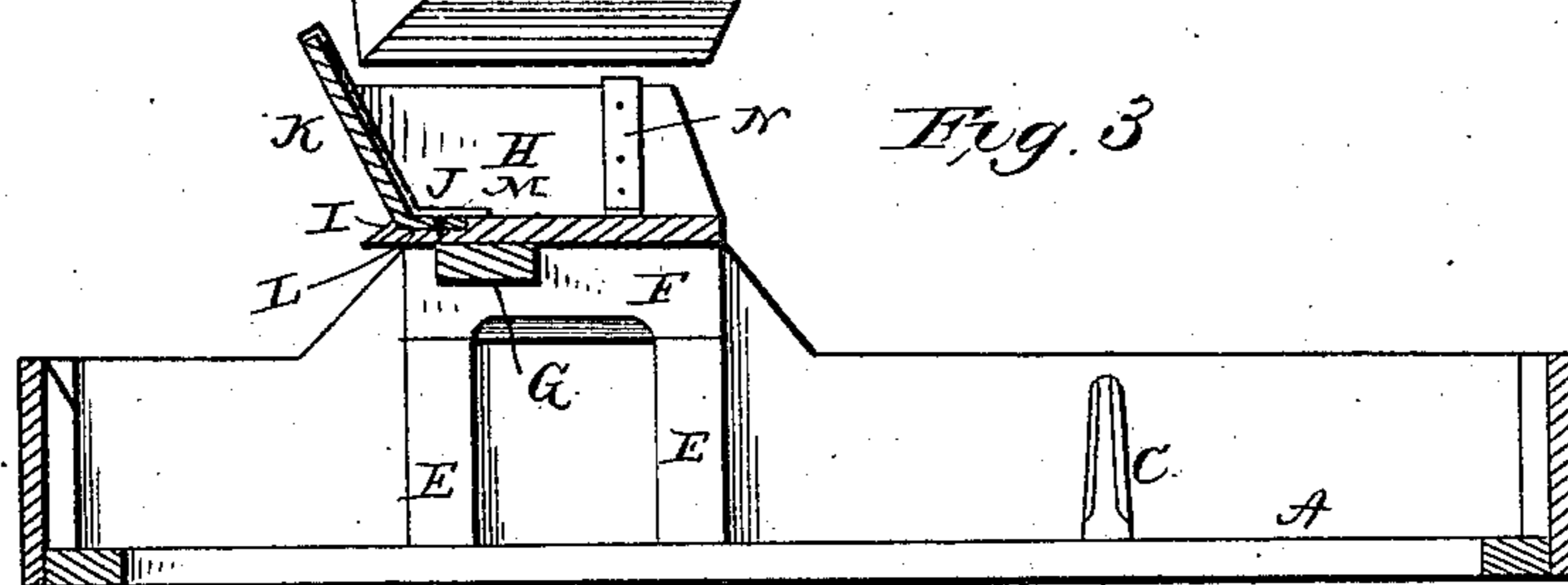
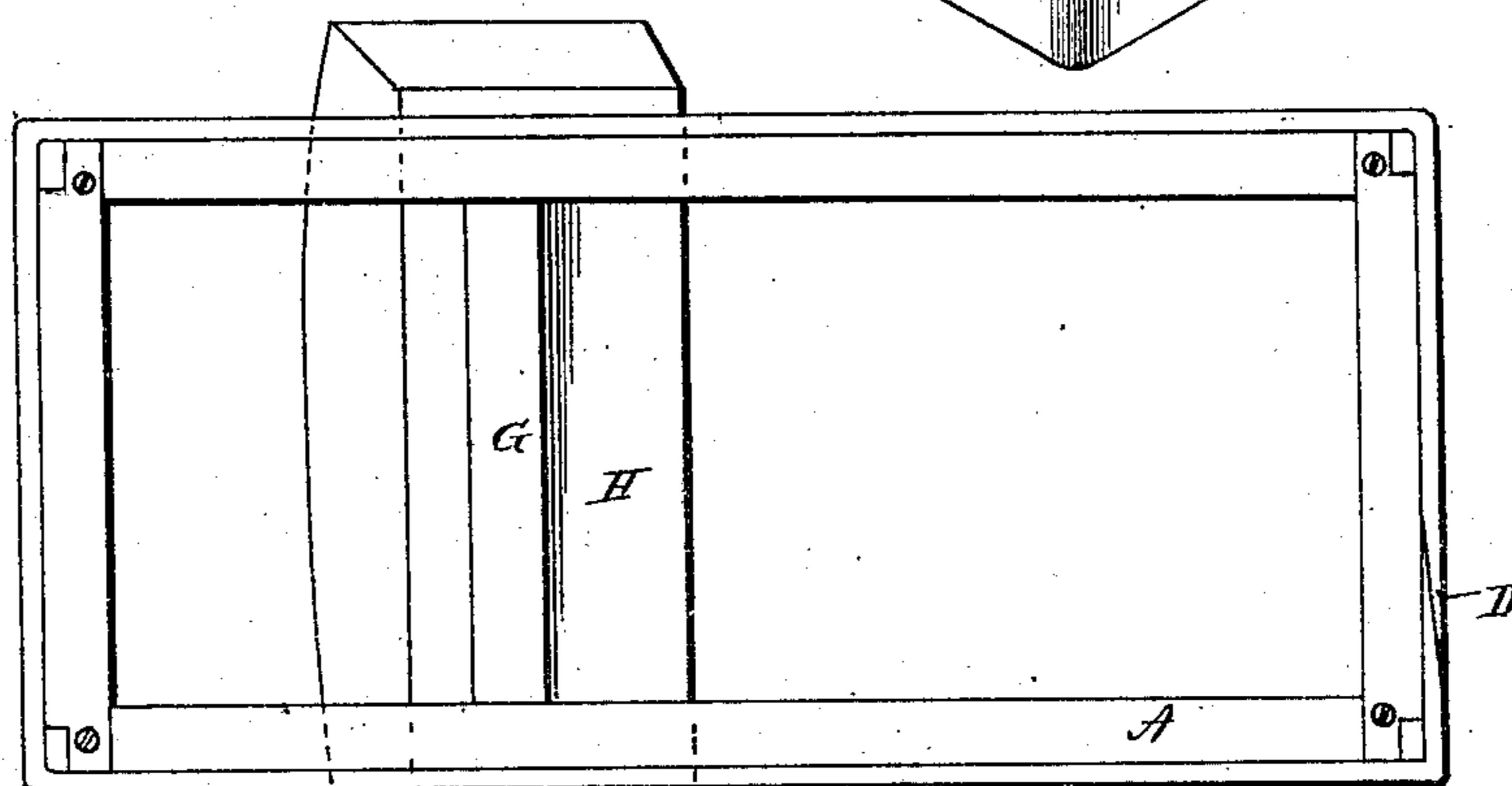
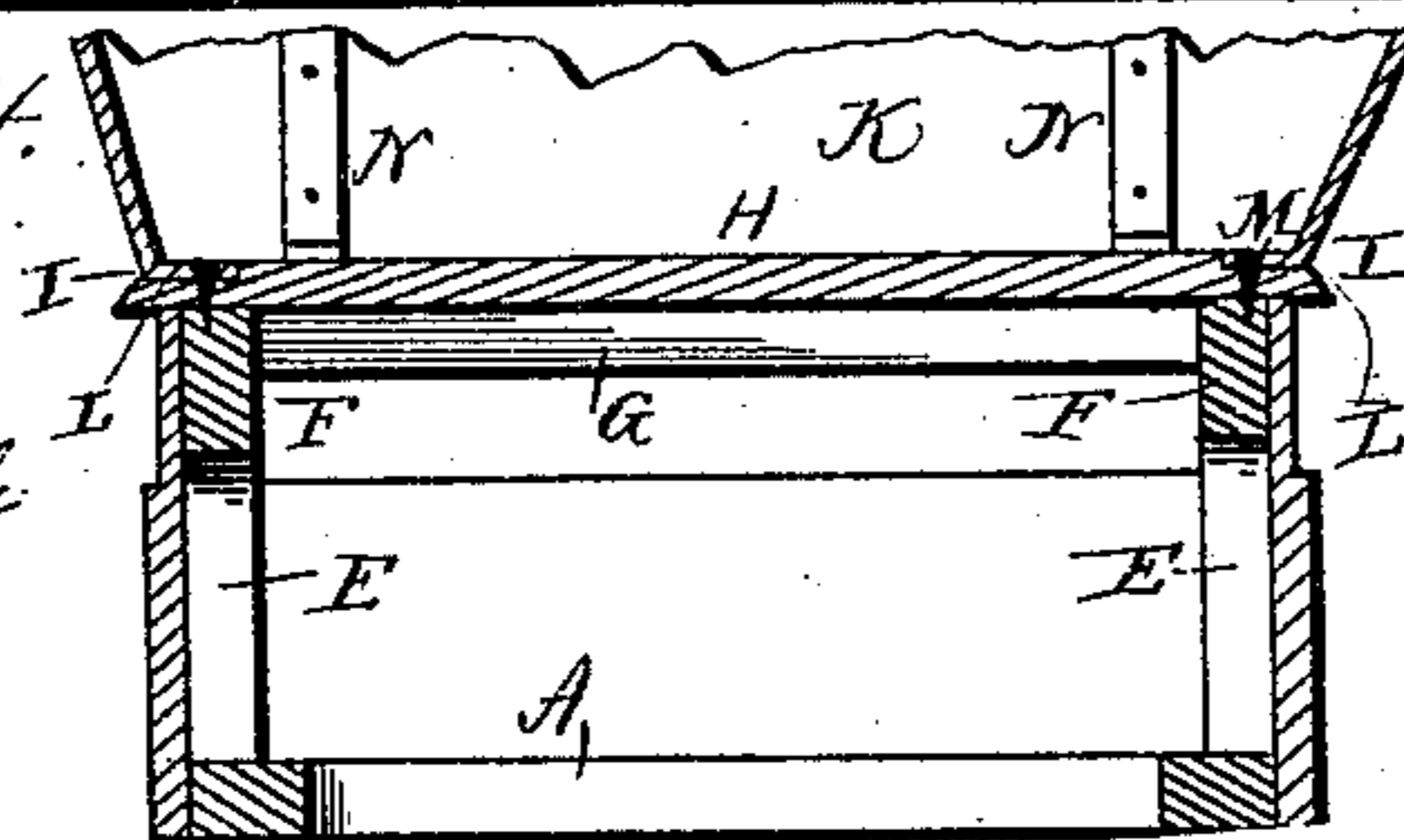


Fig. 4.



WITNESSES
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UNITED STATES PATENT OFFICE.

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CARRIAGE-SEAT.

SPECIFICATION forming part of Letters Patent No. 294,916, dated March 11, 1884.

Application filed August 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. SEARS, a citizen of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented new and useful Carriage-Seats, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to the construction of the seats for carriages, wagons, buggies, and the like; and its object is to provide a construction combining simplicity, inexpensiveness, durability, and general efficiency.

In the drawings, Figure 1 is a perspective view of a vehicle embodying my improvements. Fig. 2 is a bottom view of the same. Fig. 3 is a vertical longitudinal sectional view thereof. Fig. 4 is a vertical transverse sectional view taken through the seat.

Referring to the drawings, A designates the main frame of the body, which is preferably rectangular in form, and is provided with corner posts or uprights, B, and with auxiliary brace-uprights C C.

The shell or box of the body A is formed from a single piece of paper-board, or from a thick quality of what is commonly known as "pasteboard." This piece of paper-board is first cut into the desired shape, and is then secured around the frame A by bending it at the required angles or corners, when the ends are preferably beveled, as shown at D, to overlap, and are secured firmly together by cementing or in any other suitable manner. The shell is thus formed of but a single piece, and has but one joint.

E designates uprights which project from the frame A, and are connected, preferably, by longitudinally-disposed strips F and a cross-strip, G, as shown. On this frame is secured the bottom board of the seat, which is designated by the letter H, and is formed of wood, as usual.

Around the rear and side edges of the board

H is provided a shoulder, I, which forms a seat, J, for the back and sides of the seat, the said back and sides of the seat being formed of a single piece of paper-board or pasteboard, K, which is first cut into the desired shape, and then bent around at the proper angles to form the back and sides. To secure this piece K to the board H, the former has its bottom edge, L, bent inwardly to form a securing-flange, which is received by the seat J and against the shoulder I. This flange is an integral part of the back and sides of the seat, and by it the piece K is secured to the board H by gluing and nails or screws M. Seat-irons N may also be provided as a reinforce.

The paper-board or pasteboard, of which the body (comprising the shell and seat) is formed, is preferably one-fourth or three-eighths of an inch in thickness, of manila, and well calendered. After being shaped, bent, and secured in position the paper-board will be treated to a suitable waterproofing process, to secure the desired degree of stiffness and durability, and the same will be finished and varnished in substantially the same manner as when the parts are formed of wood.

I claim as my invention—

The combination, with the seat-board having the seat J extending from its edges inwardly and terminating in the abrupt shoulder I, of the paper-board back or side flange, having the integral inwardly-projecting bottom flange, which is secured to the seat J, with its edge abutting against the shoulder I, whereby said edge is protected from fraying, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

GEORGE ALONZO SEARS.

Witnesses:

HERMAN HARRE,
HERBERT COAN.