

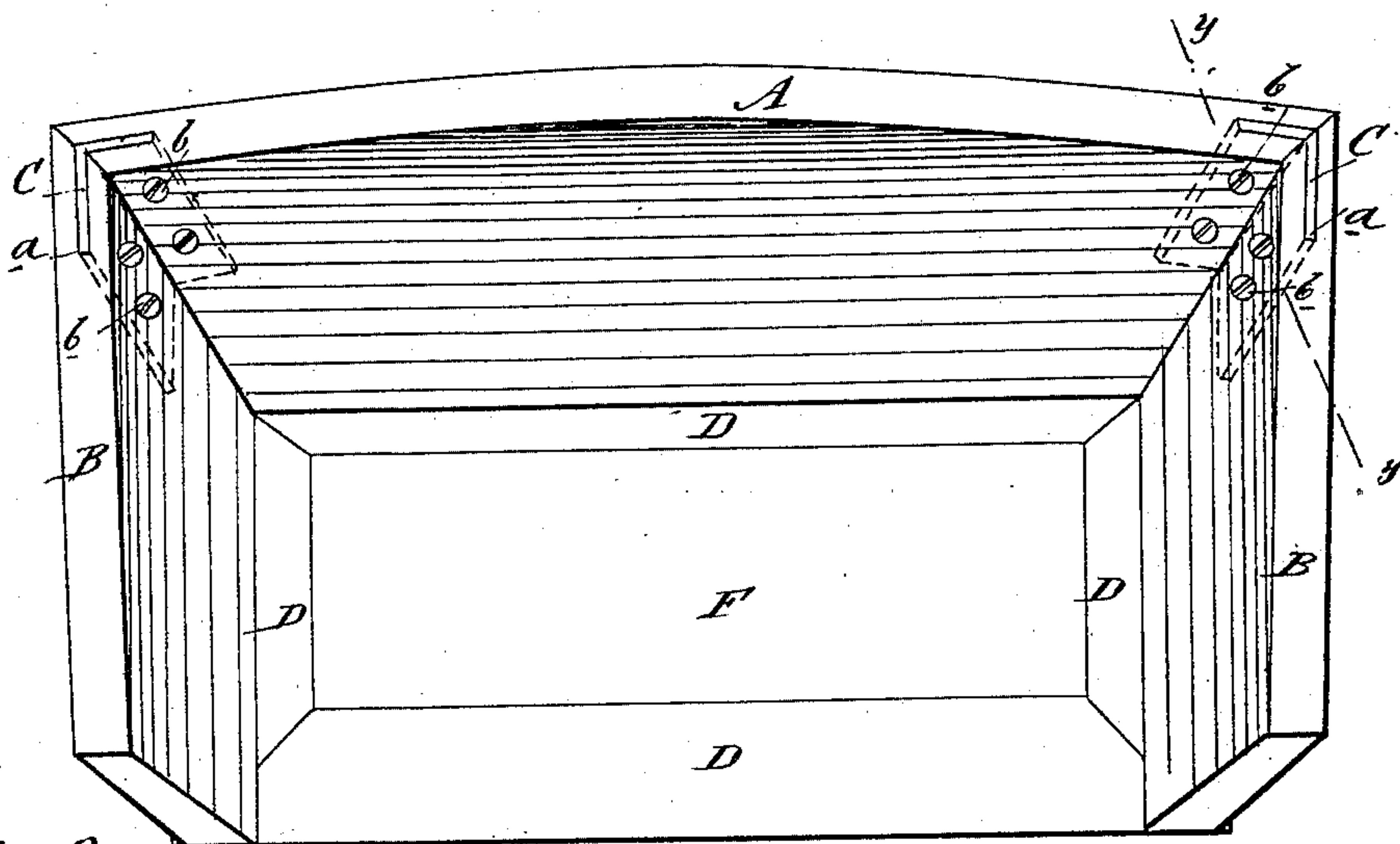
(No Model.)

G. E. EASTMAN.  
Seat for Vehicles.

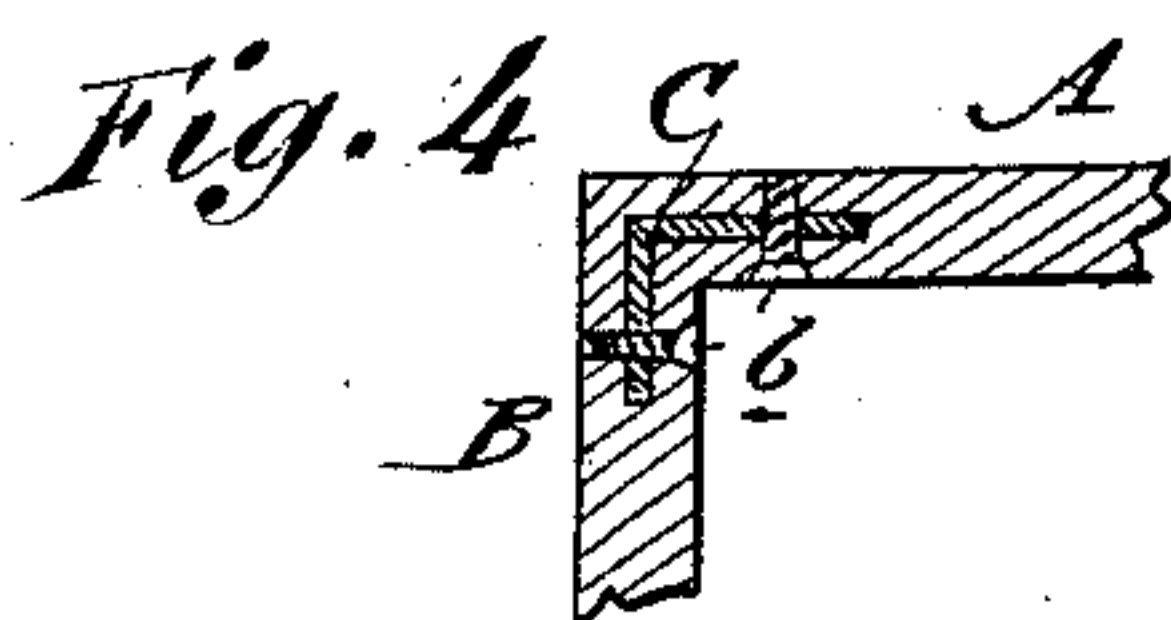
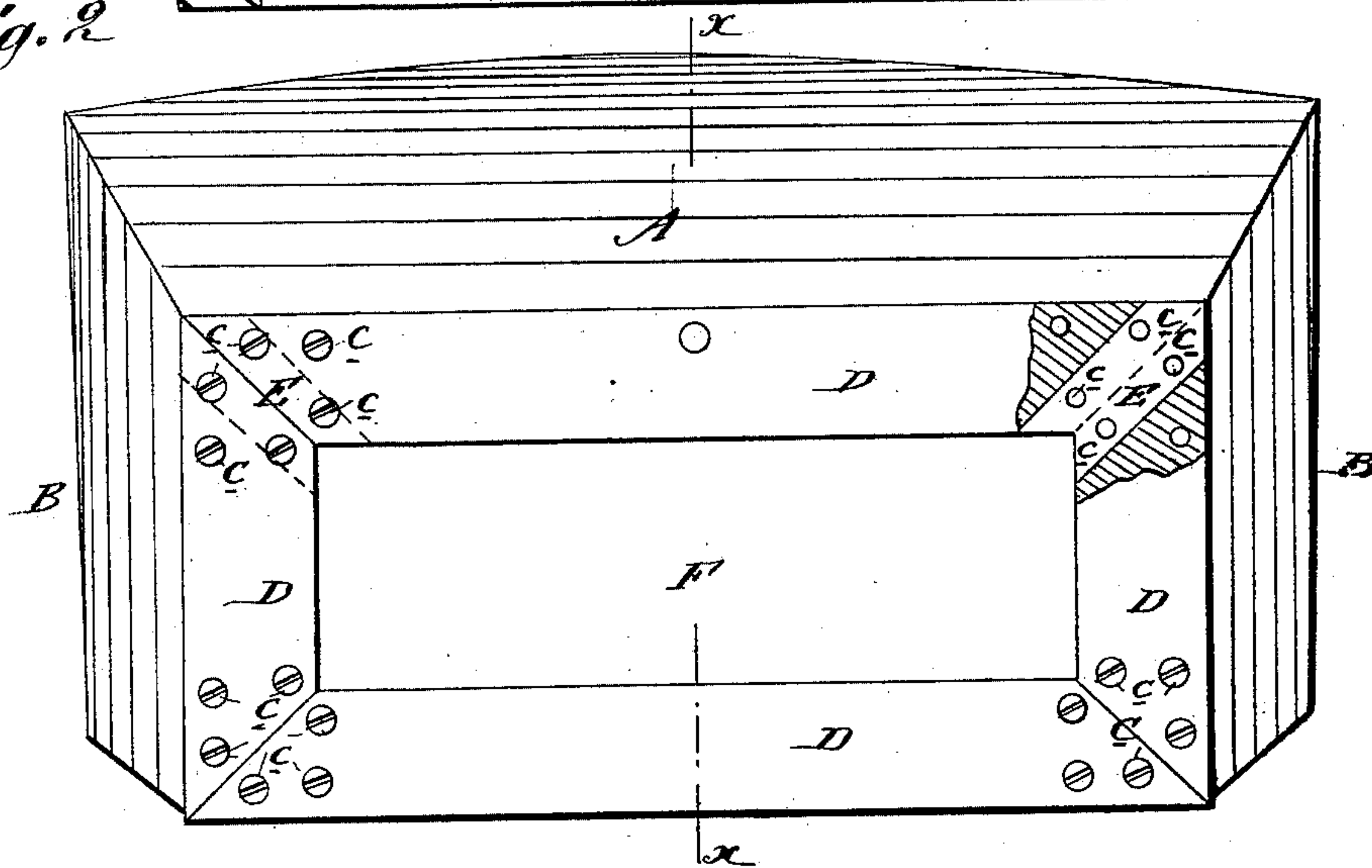
No. 232,247.

Patented Sept. 14, 1880.

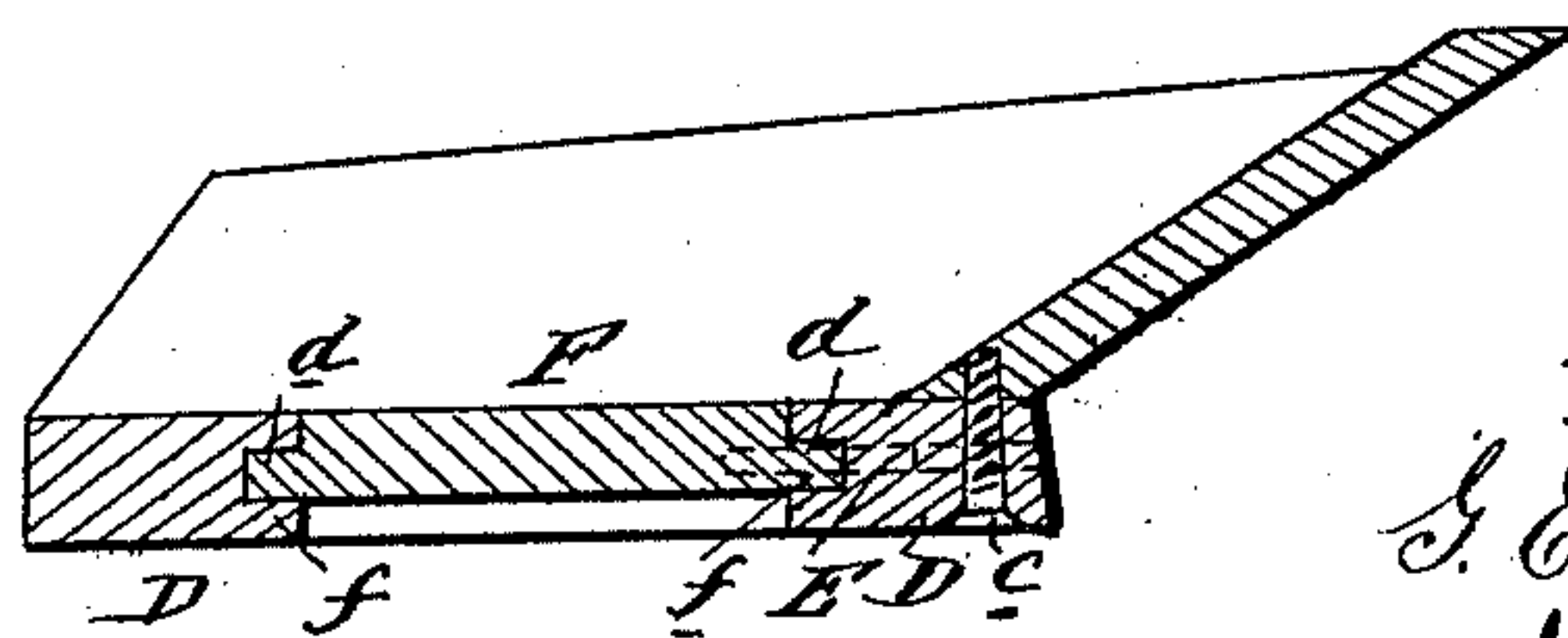
*Fig. 1*



*Fig. 2*



*Fig. 3*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

GEORGE E. EASTMAN, OF MUSKEGON, MICHIGAN.

## SEAT FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 232,247, dated September 14, 1880.

Application filed May 10, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE E. EASTMAN, of Muskegon, in the county of Muskegon and State of Michigan, have invented a new and Improved Seat for Vehicles, of which the following is a specification.

The object of this invention is to construct a vehicle-seat in a more inexpensive, strong, and durable manner than is now done.

The invention consists of a vehicle-seat whose ends and back are joined together with angle-irons that enter corresponding vertical corner-slots, whose seat-frame is mitered and secured in place by metallic plates, that are blind-slotted into the corners.

Figure 1 is a plan of the improved seat. Fig. 2 is a reverse of the same. Fig. 3 is a cross-section on line *x x*, Fig. 2. Fig. 4 is a section on line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the back of the seat, and B B the seat ends. At their point of junction the said back and seat ends are united and vertically slotted, as shown at *a a*, and in these slots or sockets *a a* are inserted the angle-irons C C, that are firmly held in position by screws or bolts *b b*.

D represents the sections of the seat-frame, the corners of said sections D D being mitered and blind-slotted, as are the corners of the back and ends of the seat, and being secured together and in position by plates of iron E and screws or bolts *c c*.

F represents the bottom of the seat, which bottom F is secured in position by entering the tenoned ends *d d* of the bottom boards into corresponding grooves *f f* made in the seat-frame D, said bottom F being thereby securely fastened in place without the use of screws or nails, and so that it cannot split, warp, or become loose.

I am aware that an angle-piece which is tapered to allow it to be driven and has rounded projections or ribs on each edge, for the purpose of holding together two pieces of wood, is not new.

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

1. The combination of the angle irons or plates having parallel sides and provided with perforations, as shown, with the mitered seat back and sides, having end slots to receive the irons, and transverse screws *d* for securing them in place, as shown and described.

2. As an article of manufacture, the seat having its back A, sides B B, and seat-sections D D, mitered and provided with end recesses having parallel sides, and joined by angle-plates C and E, which are of uniform thickness throughout, and provided with perforations to receive the bolts *b b* and *c c*, all arranged as shown and described.

GEORGE E. EASTMAN.

Witnesses:

W. H. SHOENBERGER,  
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