

T. B. PATTEN.
Carriages.

No. 135,287.

Fig. 1.

Patented Jan. 28, 1873.

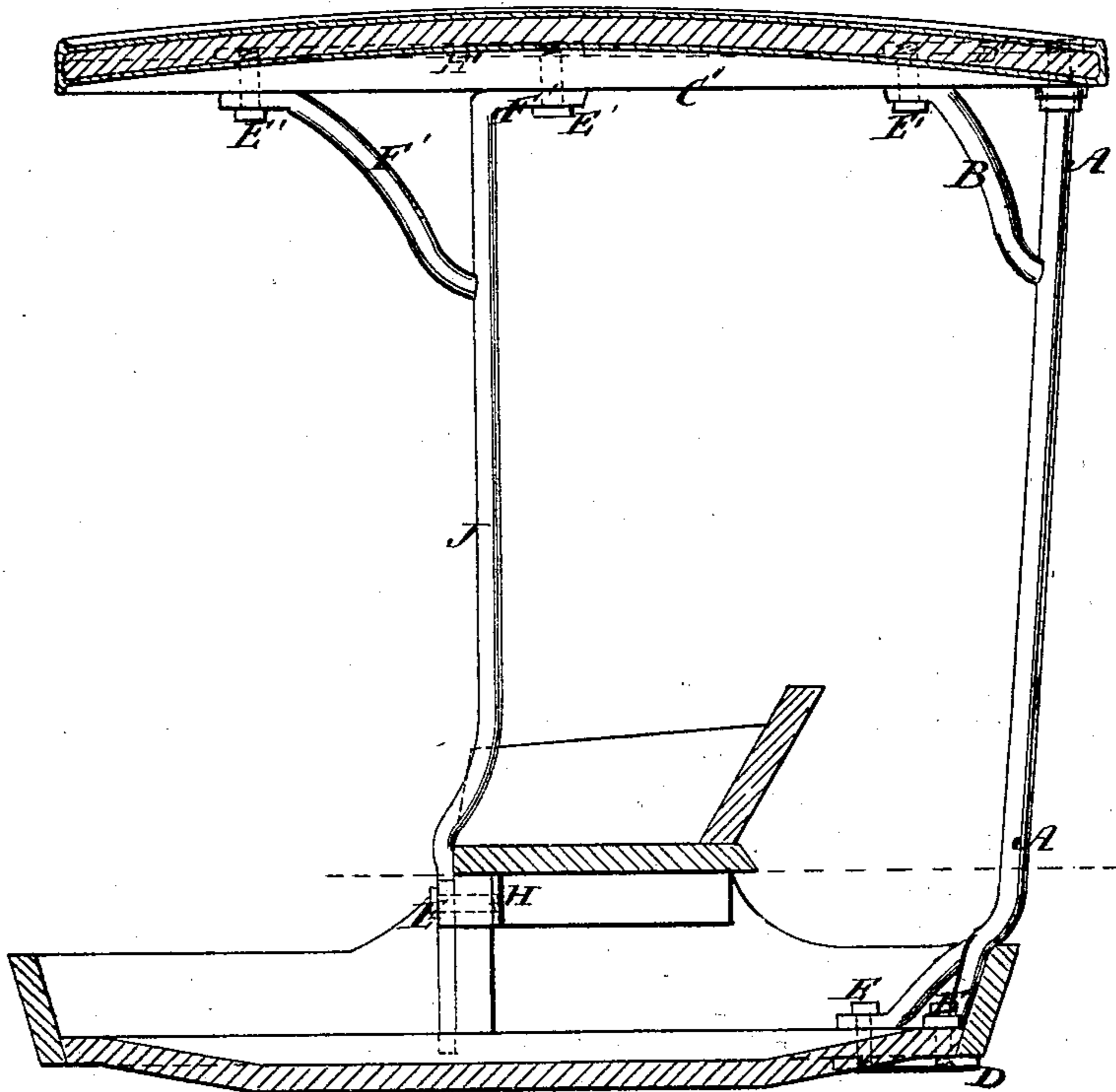
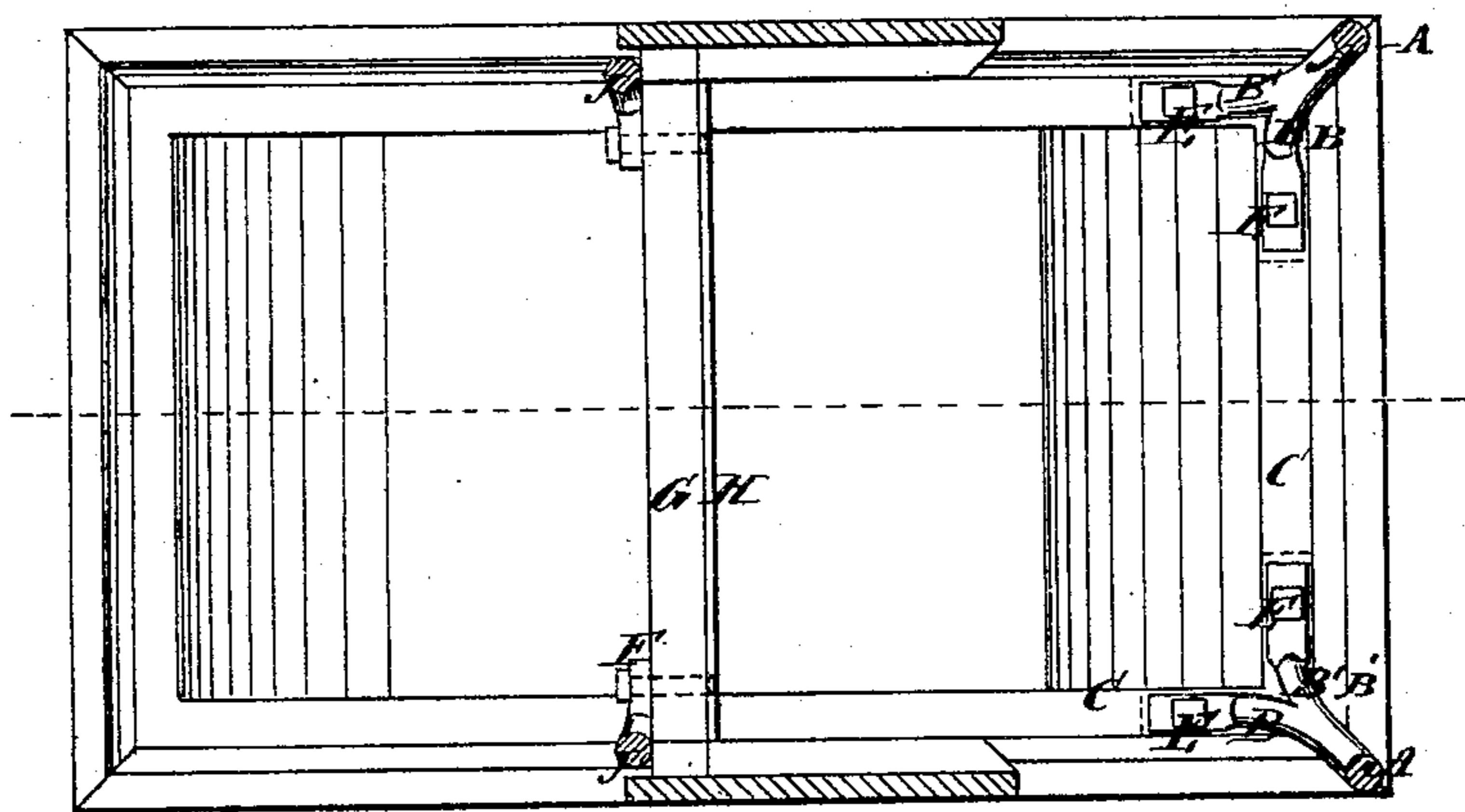


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

THOMAS B. PATTEN, OF WEST AMESBURY, MASSACHUSETTS.

IMPROVEMENT IN CARRIAGES.

Specification forming part of Letters Patent No. **135,287**, dated January 28, 1873.

To all whom it may concern:

Be it known that I, THOMAS B. PATTEN, of West Amesbury, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Top Buggies, of which the following is a specification:

My invention relates to that class of buggies in which the top is supported on fixed standards above the body; and it consists of standards with branches at each end secured by bolts passing through the branches and screwing into plates or nuts attached to the buggy body or top, preferably plates having two holes for both the bolts of a standard, the bolts being of square or other shape at the head adapted for being turned by a wrench.

This mode of fastening the standards to the body not only facilitates the removal of the top when it may be required, but it greatly strengthens the body.

Figure 1 is a longitudinal sectional elevation of a buggy body and top connected together according to my improvement, and Fig. 2 is a horizontal section of the same.

Similar letters of reference indicate corresponding parts.

The rear standards A are branched and shaped, as shown at B, to fit down in the corner of the body on the frame-pieces C, and secured to the body and an angle-plate, D, the latter being made fast to the under side of the body by bolts E passing through the branches

and body and screwing into the plate. The front standards J have a branch, F, extending along the cross-piece G and similarly bolted to a plate, H, while the other portion extends down through the frame C. The heads of the bolts are square or otherwise suitably shaped to be turned by a wrench, so that nuts may be dispensed with by having said bolts screw into the strengthening-plates instead of passing through them; but they may be so arranged, if preferred. The standards A have branches B' at the top, besides the main portion and the two standards J terminate in two branches, F', all similarly bolted through the frame C' to a plate by bolts E'.

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

1. The means described for holding the rear standards A A of a buggy to its top and body, consisting of a branch and plate connected by suitable fastenings, as described.

2. The means described for holding the front standard of a buggy to its top and body, consisting of one plate bolted to a branch at top and another plate bolted to a foot extending through frame C at bottom, as described.

THOMAS BOARDMAN PATTEN.

Witnesses:

WM. FRED. DAME,
CHARLES W. EMERSON.