

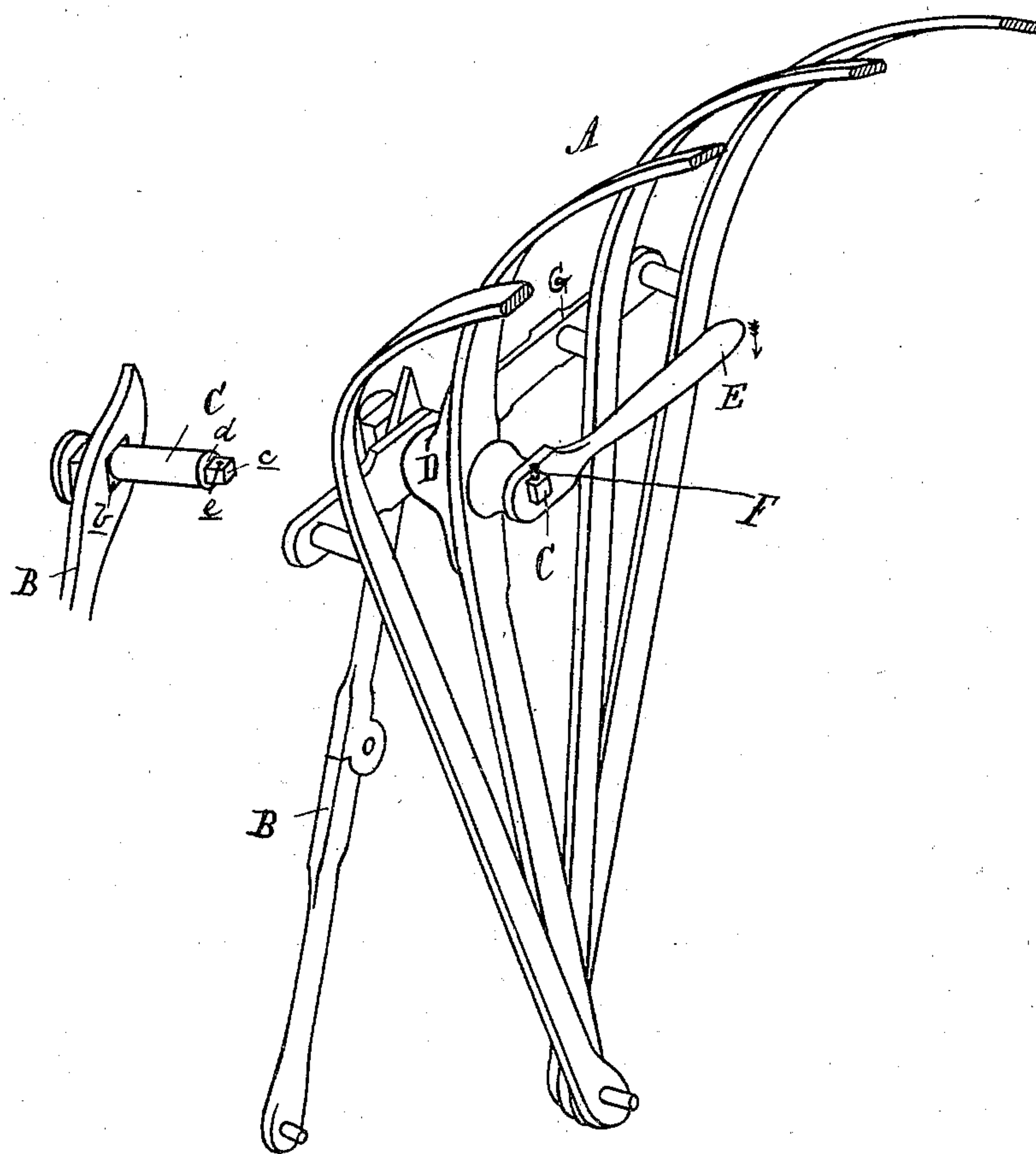
(No Model.)

J. B. PETTIBONE.

CARRIAGE TOP.

No. 335,841.

Patented Feb. 9, 1886.



Attest:
John Schuman.
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UNITED STATES PATENT OFFICE.

JOHN B. PETTIBONE, OF FARMINGTON, MICHIGAN.

CARRIAGE-TOP.

SPECIFICATION forming part of Letters Patent No. 335,841, dated February 9, 1886.

Application filed September 10, 1885. Serial No. 176,720. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. PETTIBONE, of Farmington, in the county of Oakland and State of Michigan, have invented new and useful Improvements in Carriage-Tops; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which forms a part of this specification.

10 This invention relates to certain new and useful improvements in the construction of carriage-tops; and the invention consists in the peculiar means employed for securing the top-brace so that the top may be raised or
15 lowered from the seat, all as more fully hereinafter set forth.

In the accompanying drawing, which forms a part of this specification, my improved device is shown in perspective as attached to a
20 carriage-top, and in which—

A represents the top, which is pivotally secured to the seat or body, as in the ordinary manner, with the covering removed.

25 B represents the "top-brace," the lower end of which is pivotally secured to an arm projecting outwardly from the seat or body, while its upper end is rigidly secured upon the outer end of a rock-shaft, C, properly journaled in bearings D, secured to one of the bows of the
30 top, as shown. The inner end of this rock-shaft C has secured to it a handle-lever, E, by means of which such shaft is partially rotated.

G is a bar connecting all the bows on one side. This bar is sleeved on the shaft C, and

is connected with each bow. It serves to 35 strengthen the top, and by its use the bows are sure to move in unison.

When the top is up, as in the drawing, and it is desired to lower the same, the driver has merely to pull down on the handle, which will 40 throw the top-brace back, fold it, and allow the top to drop. The top can readily be raised from this position by pulling up on the lever. By the use of a device of this kind the top can readily be raised and lowered without the ne- 45 cessity of getting out of the carriage or reaching around the sides.

I am aware of the Patents Nos. 7,097 and 249,741, and make no claim to the constructions shown therein as forming part of my in- 50 vention. I attach importance to the bearing D, which not only serves as a bearing for the rock-shaft, but also serves to strengthen the bow where it is weakened by the hole made for the reception of said shaft. The lever E 55 is easily removed by removing the pin F.

What I claim as my invention is—

The combination, with the top A, of the brace B, the shaft C, passed through one of the bows of said top and brace, the bar G, 60 sleeved on said shaft and connected to the said bows, and means for rocking said shaft, substantially as and for the purpose specified.

JOHN B. PETTIBONE.

Witnesses:

H. S. SPRAGUE,
EDMOND J. SCULLY.