

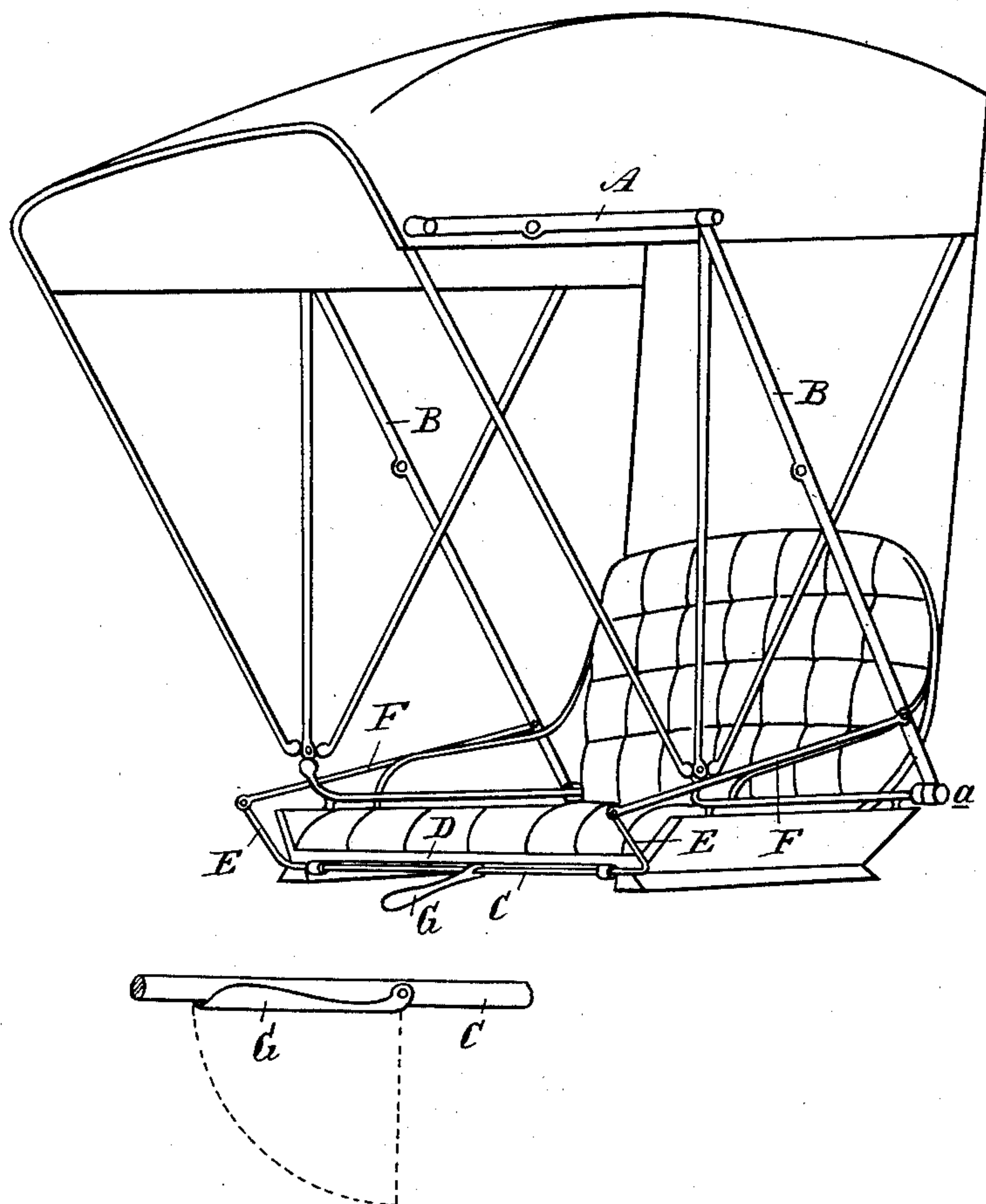
(No Model.)

T. S. BROWN.

CARRIAGE TOP.

No. 363,797.

Patented May 31, 1887.



Attest:

John Schuman.
[Signature]

Inventor:

Thomas S. Brown.

by his Atty

[Signature]

UNITED STATES PATENT OFFICE.

THOMAS S. BROWN, OF GREENFIELD, MICHIGAN.

CARRIAGE-TOP.

SPECIFICATION forming part of Letters Patent No. 363,797, dated May 31, 1887.

Application filed November 4, 1886. Serial No. 217,961. (No model.)

To all whom it may concern:

Be it known that I, THOMAS SPENCE BROWN, of Greenfield, in the county of Wayne 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 form a part of this specification.

10 This invention relates to certain new and useful improvements in carriage-tops of that class in which the top may be thrown back from the seat.

15 The invention consists in so connecting the braces on each side of the top, by means of a rock-shaft and suitable levers, as to adjust the joints of the braces simultaneously and throw the top back, as more fully hereinafter described and claimed.

20 In the accompanying drawing, wherein my invention is shown in perspective, and as attached to a carriage-top, and which forms a part of this specification, A represents the top, and B the lower elbowed braces, all of the usual construction, it being understood that counter-
25 part braces are found upon each side of the top.

30 C is a rock-shaft secured along the front edge of the seat D, each end of this rock-shaft being provided with crank-arms E. These cranks are each pivotally secured to the forward ends of the pitmen F, the opposite ends of which are pivotally secured to the lower part of the braces B, between the elbow and
35 prop *a*. The rock-shaft is provided with a handle, G, so connected and secured that

when not in use it can be folded upon the rock-shaft.

In operation, the parts all being in place and properly secured, the operator unfolds the handle and partially rotates the rock-shaft, which, through the intervening cranks and pitmen, disengages the elbow-joints in the braces B on each side of the top simultaneously, and the continued partial rotation of the rock-shaft will throw the top back without compelling the occupant to leave his seat.

What I claim as my invention is—

1. The combination, with the lower elbowed braces, of the rock-shaft, journaled as described and provided with crank-arms, and the pitman connecting said crank-arms directly with said braces, substantially as described.

2. The combination, with the lower elbowed braces and the seat, of the rock-shaft C, journaled along the front edge of said seat and having formed integral therewith the crank-arms E, and the pitman F, pivotally connected at one end to said crank-arms and at the other to the braces between the props *a* and the elbow, substantially as described.

3. The combination, with the rock-shaft, the lower elbowed braces, and the pitman connecting said braces and rock-shaft, of the handle G, pivoted to said rock-shaft and constructed to fold lengthwise thereof, substantially as shown and described.

THOMAS S. BROWN.

Witnesses:

H. S. SPRAGUE,
E. SCULLY.