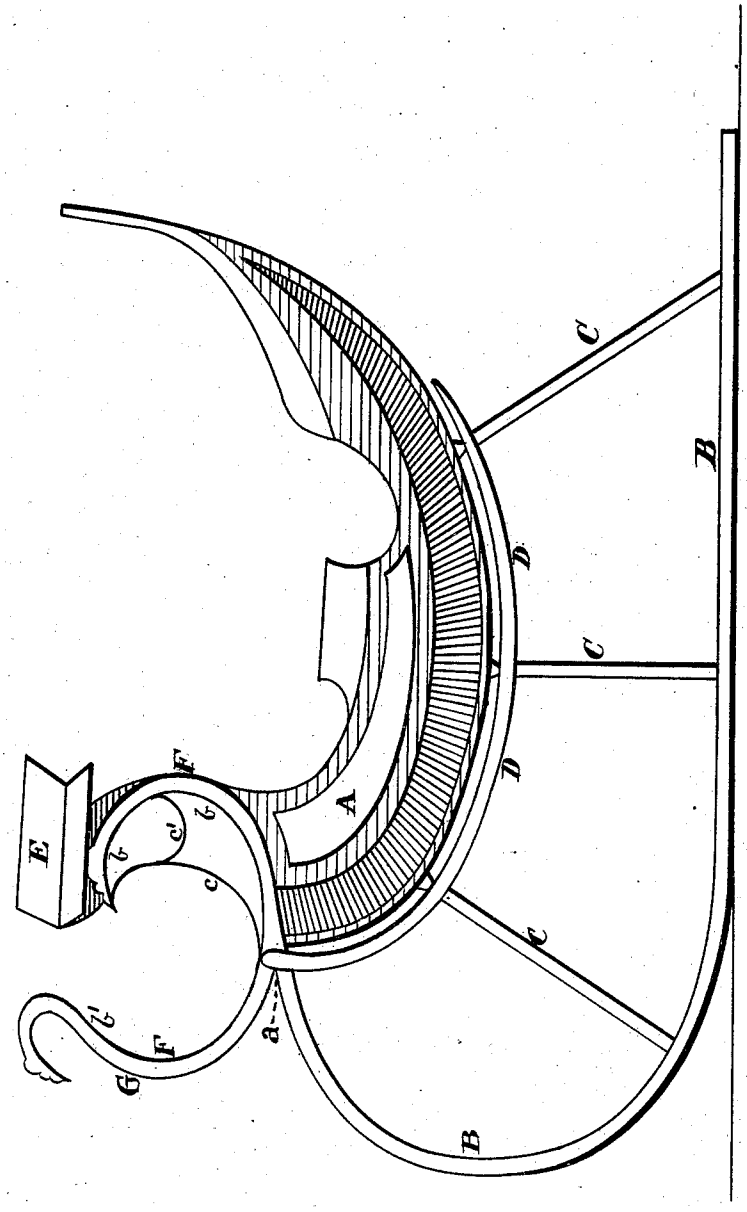
G. SCHAFFNER.

SLEIGH.

No. 192,133. Patented June 19, 1877.



WITNESSES. Ernest Heim
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UNITED STATES PATENT OFFICE.

GEORG SCHAFFNER, OF ALBANY, NEW YORK.

IMPROVEMENT IN SLEIGHS.

Specification forming part of Letters Patent No. **192,133**, dated June 19, 1877; application filed May 14, 1877.

To all whom it may concern:

Be it known that I, GEORG SCHAFFNER, of the city and county of Albany, State of New York, have invented a new and useful Improvement in Sleighs, of which the following is a description, reference being had to the accompanying drawing, forming a part of this specification, in which the figure is a full and clear drawing of a side view of the same.

The object of this invention is to have a continuation of the runner form a support for the driver's seat, and, branching off at an appropriate curve, form a dash or foot board; also, to enable the driver's seat to be set at any height from the ground that may be desired, without increasing the body of the sleigh, which would only result in a heavy and bulky form, and which could not be accomplished by the old method of locating the seat.

To enable others skilled in the art to make and use my invention, I will proceed to describe it, reference being had to the drawing, and the letters of reference marked thereon, the same letters indicating similar parts.

In the drawing, A is the body of the sleigh. B is the runner. C C C are the knees. D is the fender-rail, and E is the driver's seat, all of which parts are old and well known, and need no further description.

F is a circular frame, attached to the runner at a point, *a*, by any of the means known to the trade, preference not being given to any particular method.

By reference to the drawing, it will be perceived that the part of the frame F designated as *b* forms a graceful continuation of the runner B, and is surmounted by the seat E, for which purpose it is intended, while the other part of frame F, designated as *b'*, forms the dash or foot board G.

If desired, braces *c* and *c'* may be applied to strengthen the seat-supporting part *b* of the frame F.

It will be observed that this improvement shortens the length of the runner without detracting any from its graceful appearance, and also effects a slight saving in the material used in its construction.

By the use of my invention the driver's seat can be located at any height from the ground desired, by constructing the circular frame F of longer or shorter dimensions, as will be required to effect the necessary elevation; while in the old style the said seat cannot be set at any height desired without adding to the body of the sleigh, which would only result in a bulky and ungainly form.

In the old style the runner is brought farther forward than in my improvement, to enable it to be turned at a graceful curve to form a dash or foot board, while the driver's seat is located on the body of the sleigh, only slightly elevated from the ground.

In my invention the runner terminates at a point, *a*, where a circular frame is firmly secured, so as to present the appearance of the runner being continued to a sufficient height, when it is surmounted by a driver's seat, while the other part of the said circular frame forms a substantial dash or foot board.

I do not confine myself to the exact curve of the circular frame, as it may be drawn to any form desirable as long as it serves the purpose of appearing as a continuation of the runner, and is used in one part for the purpose of supporting the driver's seat, and in the other part for the dash or foot board.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a sleigh, the combination of the circular frame F, consisting of parts *b* and *b'*, with the runner B, substantially as and for the purpose set forth.

2. In a sleigh, the combination of the driver's seat E with the part *b* of the circular frame F, substantially as and for the purpose set forth.

3. In a sleigh, the combination of the driver's seat, the circular frame F, consisting of parts *b* and *b'*, and the runner B, substantially as and for the purpose set forth.

GEORG SCHAFFNER.

Witnesses:

ERNEST KEIM,

JOHN S. HASSELL.