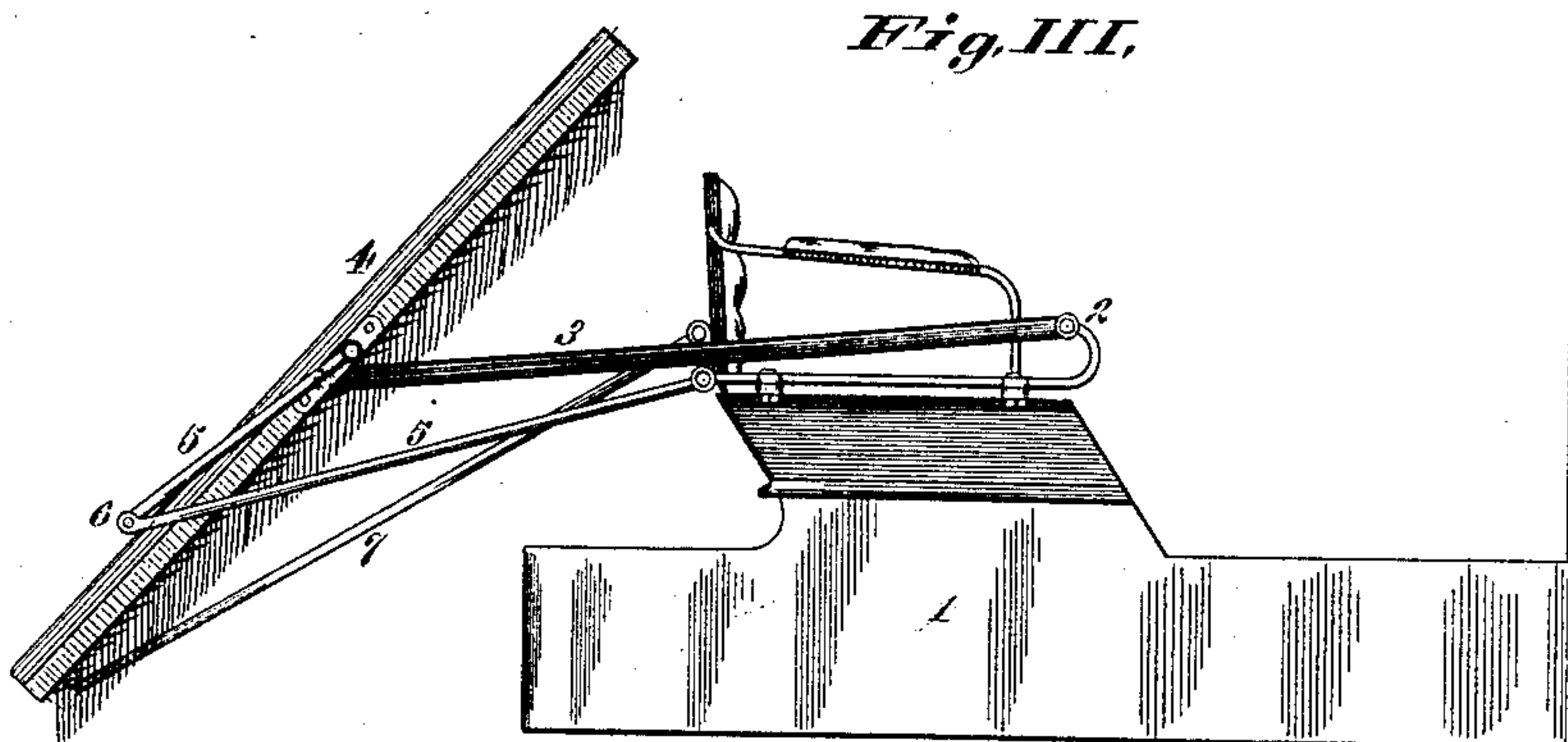
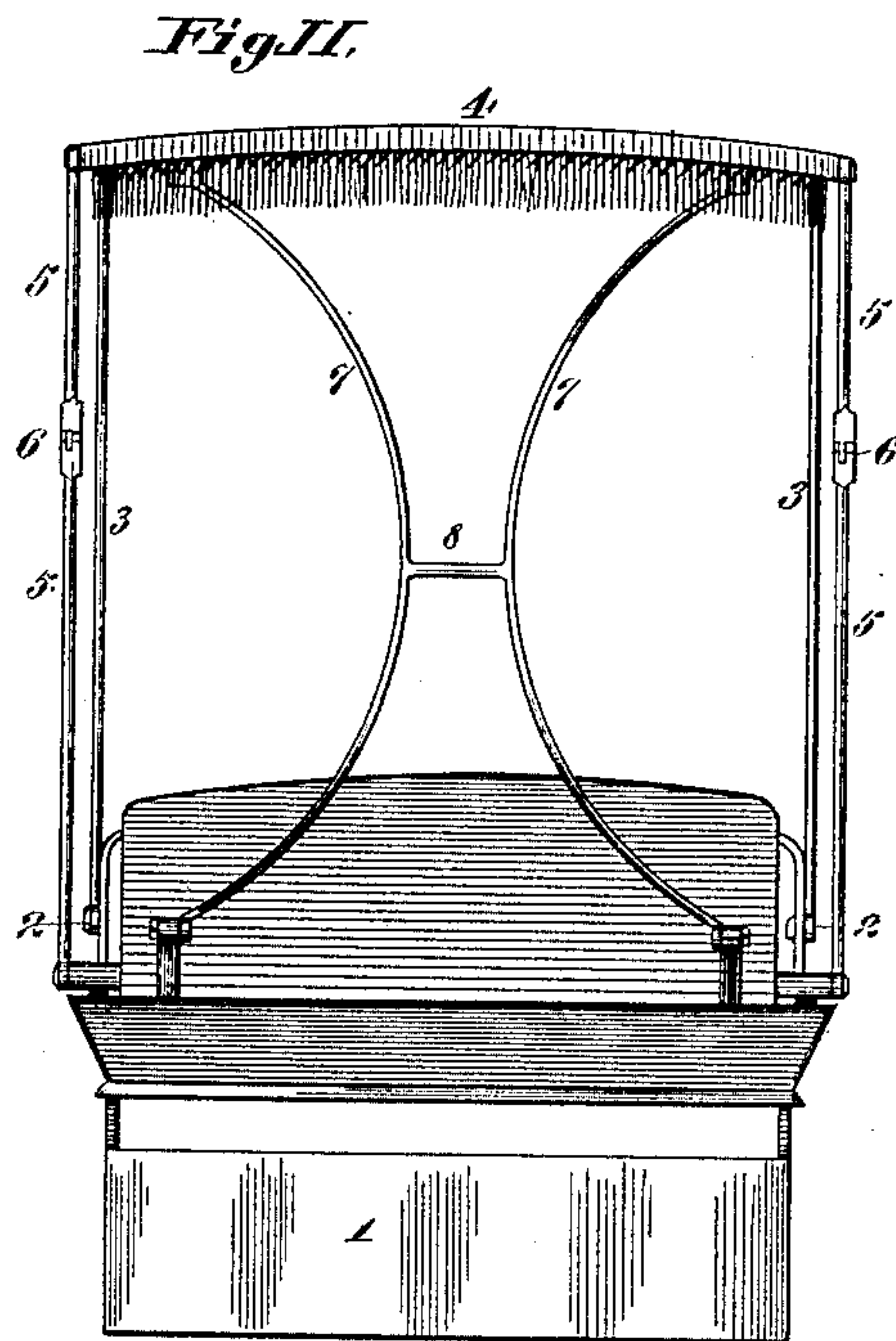
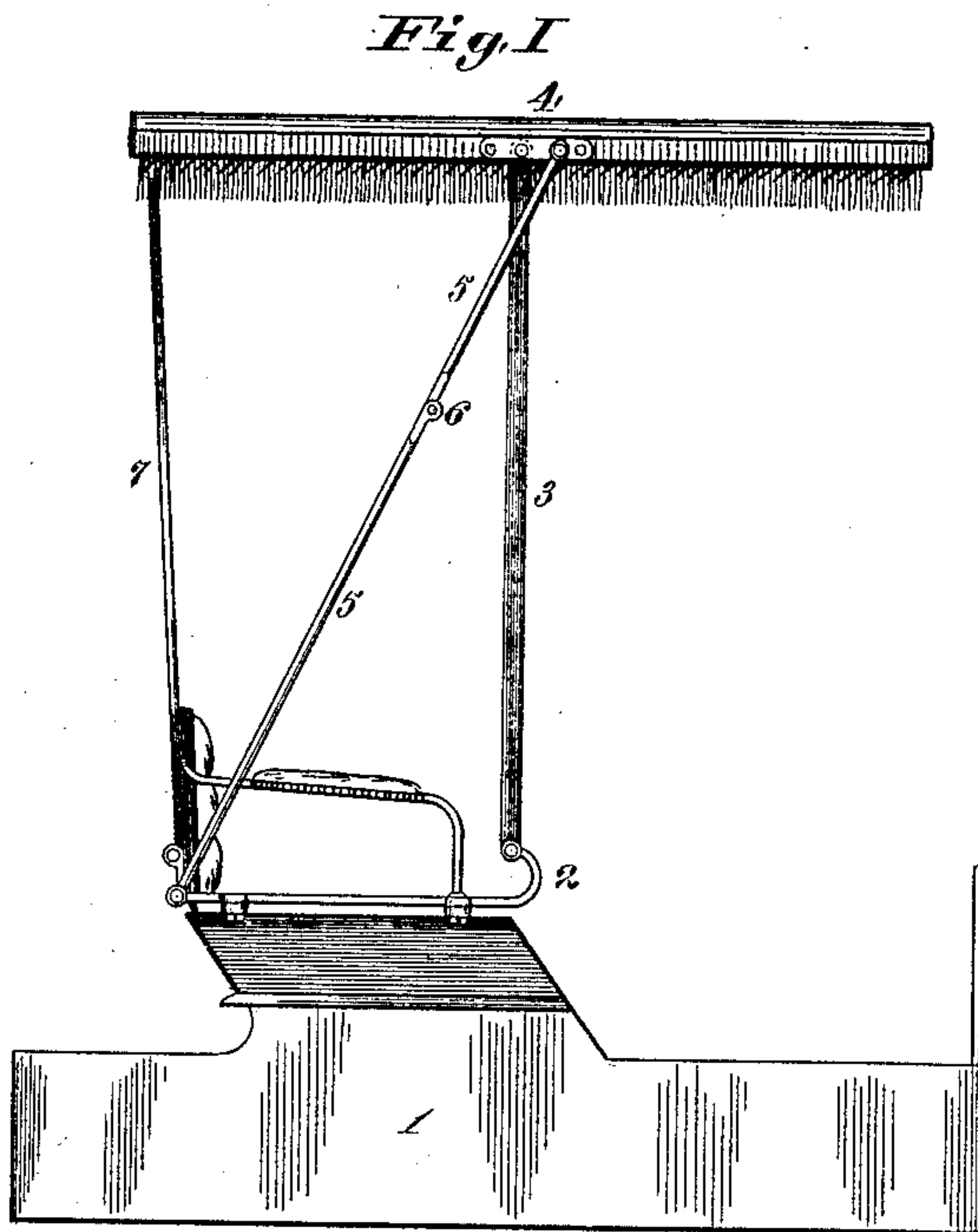


(No Model.)

W. G. MILLER.
FOLDING BUGGY TOP.

No. 388,061.

Patented Aug. 21, 1888.



Witnesses
Charles Pickles
G. N. Hinchman Jr.

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UNITED STATES PATENT OFFICE.

WILLIAM G. MILLER, OF BOONVILLE, MISSOURI, ASSIGNOR OF ONE-HALF
TO WILBUR T. JOHNSON AND WILLIAM MORRIS JOHNSON, OF SAME
PLACE.

FOLDING BUGGY-TOP.

SPECIFICATION forming part of Letters Patent No. 388,061, dated August 21, 1888.

Application filed April 27, 1888. Serial No. 272,049. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. MILLER, a citizen of the United States, residing at Boonville, in the county of Cooper and State of Missouri, have invented certain new and useful Improvements in Folding Buggy-Tops, of which the following is such a full, clear, and exact description as will enable any one skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

My invention relates more particularly to canopy-top buggies; and it has for its object to secure the top to the buggy, so that it can be folded down back of the body of the buggy in an inclined position within the space between the hind wheels.

The invention consists of a canopy-top buggy having two or more series of rods hinged to the top and to the body thereof, one of which rods is jointed, so that the top may be dropped back of the buggy within small compass. Other forms of folding-canopy buggy-tops have been devised in which the top is folded back of the seat and projects therefrom at right angles. In such a construction, when the top is folded back, it must necessarily project a great distance beyond the back wheels. In my arrangement the top is dropped back in an inclined position within the space between the buggy-wheels, and does not project any farther back than the periphery of said wheels.

I will now describe my invention in detail by reference to the drawings accompanying and making a part of this specification.

Figure I is a side elevation of the body of a buggy with a canopy attached thereto in accordance with my invention. Fig. II is a back elevation thereof; and Fig. III is a side elevation, the same as Fig. I, but showing the top folded back.

The same figures of reference indicate the same parts throughout the several views.

1 is the body of the buggy, and 2 are rails, which are fastened to each side of the seat.

3 3 are uprights, which are hinged to the rails 2 and to the top 4 at each side thereof. The uprights 3 3 are hinged to the forward part of the rails 2.

5 5 are braces that are hinged to the rails 2 at the back of the seat. These braces are jointed at the point 6, and are pivoted to the top 4 in front of the standards 3, so that when the top is up in the position shown in Fig. I and is supported by the standards 3 the rods 5 act as braces therefor.

7 7 are preferably two bow-shaped pieces, joined by a neck-piece, 8, which are hinged to the back edge of the top, and also to the back of the buggy-seat. This acts as a lateral brace for the top and prevents the same from playing from side to side. The bow-shaped pieces 7 may be hinged to the back of the buggy in any way.

It will be observed that the arrangement described affords ample space for persons to get in and out of the buggy—in fact, offers much less obstruction than the ordinary folding buggy-top. Fig. III shows the position of the parts when the top is dropped backward. By means of the jointed braces, and the braces 7 being hinged to the back part of the top, said top will be drawn to an inclined position when the top is folded backward. So, also, the uprights 3 being hinged at the front of the seat, the top will be thrown but a short distance backward, so that the top and all the parts thereof will, when folded backward, occupy but little space. The top can be made in any shape.

It will be noted in my invention that the top drops back without any folding together of the parts.

Various changes can be made in the construction set forth without departing from the spirit of my invention. I do not wish, therefore, to confine myself to the exact devices described.

Having now fully set forth my invention, what I desire to claim, and secure by Letters Patent of the United States, as my invention is—

1. A folding buggy-top consisting of uprights hinged substantially at the middle of the top and to the body of the buggy at the front part of the seat, jointed braces hinged to the top in front of said uprights and to the buggy back of said uprights, and one or more rods hinged to the back of the top and to the back of the buggy-seat.

2. A folding buggy-top consisting of up-
rights hinged substantially at the middle of
the top and to the body of the buggy at the
front part of the seat, jointed braces hinged
5 to the top in front of said uprights and to the
buggy back of said uprights, and a lateral
bracing pivoted to said top and buggy.

3. The combination, as hereinbefore set
forth, of the buggy-top 4, the standards 3,
10 hinged near the middle thereof and pivoted
at or near the front part of the seat, the jointed
braces 5, hinged to the top in front of said

standards and to the buggy back of said stand-
ards, and the lateral braces 7, hinged to the
back of the buggy-top and to the back of the 15
seat.

In testimony whereof I have hereunto set my
hand and affixed my seal, this 23d day of April,
1888, in the presence of the two subscribing
witnesses.

WILLIAM G. MILLER. [E. s.]

Witnesses:

EDWIN SHACKLEFORD,

GEO. E. TUTT.