

No. 720,437.

PATENTED FEB. 10, 1903.

J. S. JONES.
BRACE FOR BUGGY SEAT SUPPORTS.
APPLICATION FILED JUNE 23, 1902.

NO MODEL.

FIG. 1

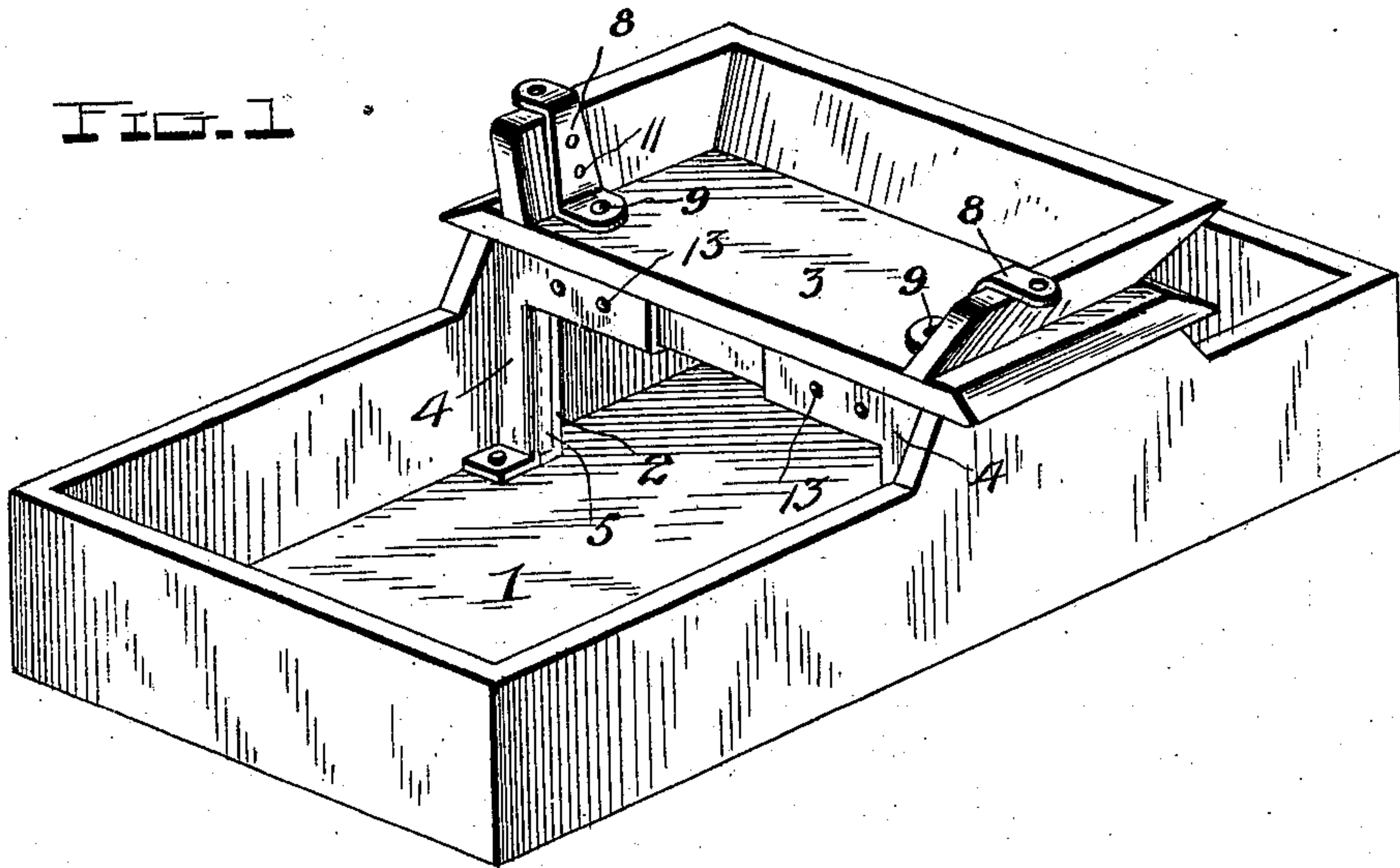


FIG. 2

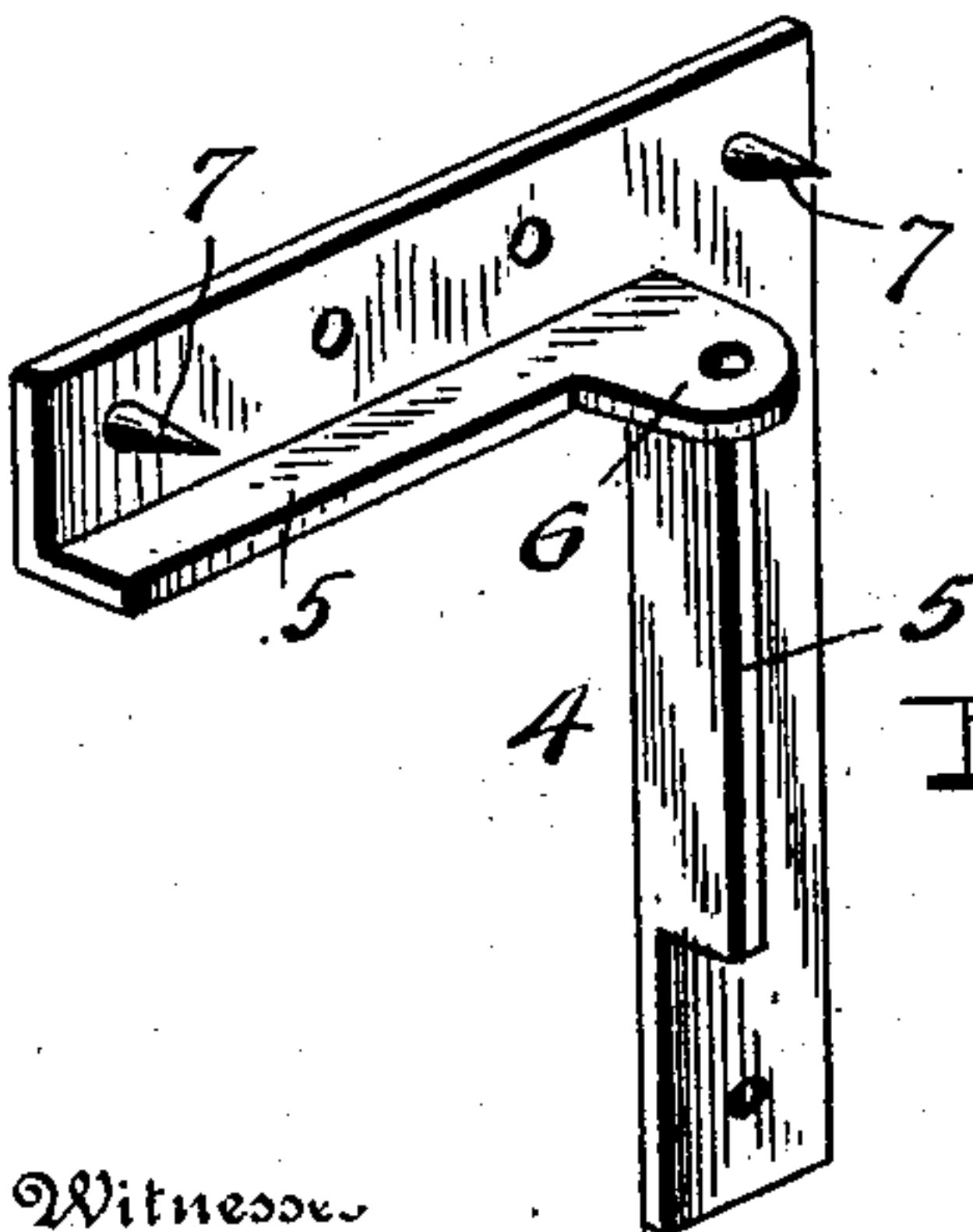
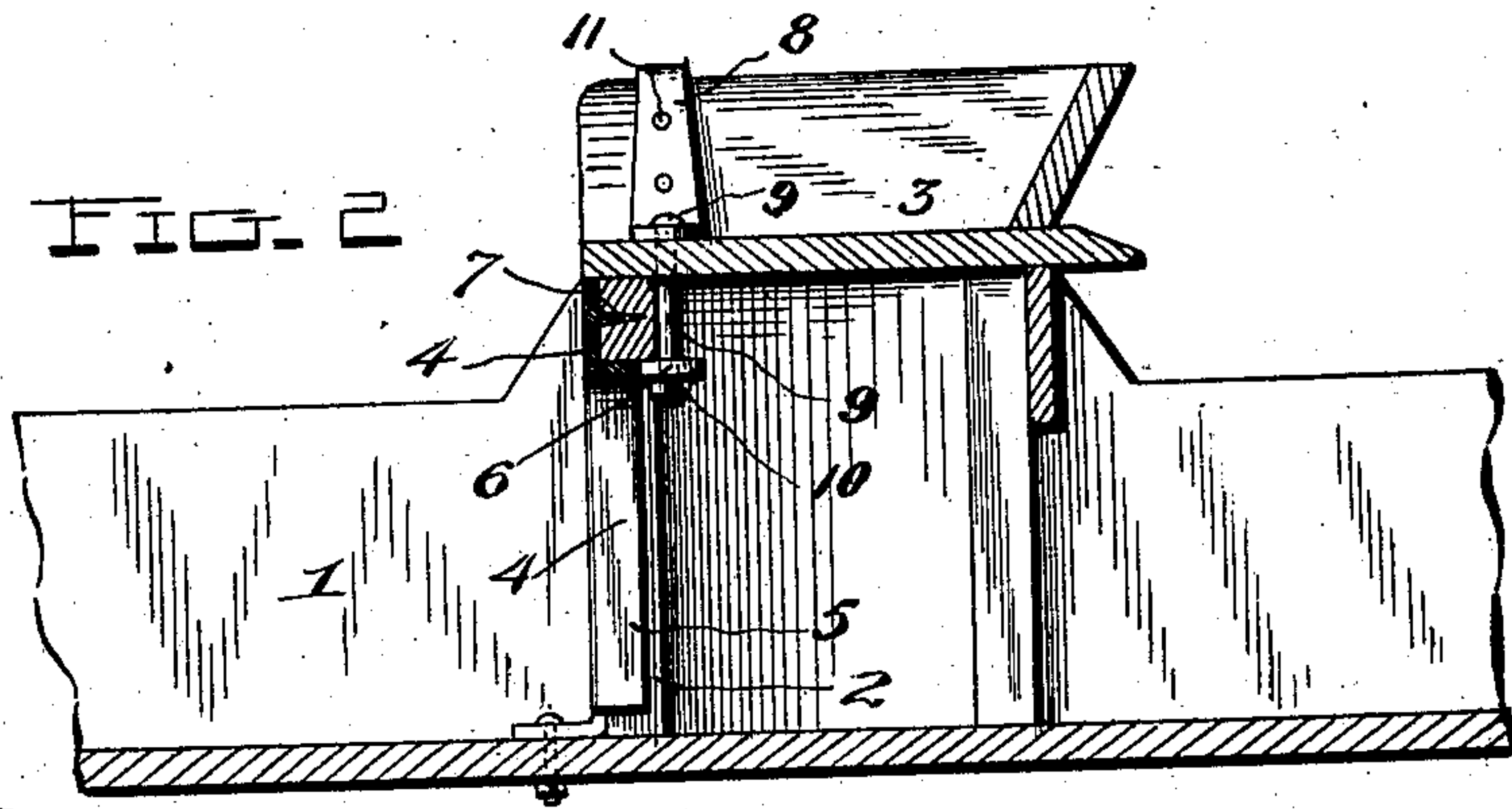


FIG. 3

Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

JAMES SAMUEL JONES, OF NEWBERN, TENNESSEE.

BRACE FOR BUGGY-SEAT SUPPORTS.

SPECIFICATION forming part of Letters Patent No. 720,437, dated February 10, 1903.

Application filed June 23, 1902. Serial No. 112,882. (No model.)

To all whom it may concern:

Be it known that I, JAMES SAMUEL JONES, a citizen of the United States, residing at Newbern, in the county of Dyer and State of Tennessee, have invented certain new and useful Improvements in Braces for Buggy-Seat Supports; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to braces for buggy-seat supports.

The object of the invention is to provide a brace of this character which shall be simple of construction, durable in use, and comparatively inexpensive of production and which may be easily and quickly applied to all forms of buggy-seat supports now in general use and will serve to materially increase the strength and durability and secure the seat firmly in position.

With the above and other objects in view, which will readily appear as the nature of the invention is better understood, said invention consists in certain novel features of construction and combination and arrangement of parts, which will be hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a portion of the box of a buggy, the seat, and the buggy-seat support, illustrating the application of my improved braces. Fig. 2 is a vertical sectional view through the seat, seat-support, and brace; and Fig. 3 is a detail perspective view of the brace before it has been applied.

In the drawings, 1 denotes the box of the buggy, 2 the buggy-seat support, and 3 the buggy-seat. These parts may be of any well-known or approved construction, and no special claim in the present case is made to them.

4 denotes the brace for the buggy-seat support, which in general outline is right angular and is preferably made of malleable iron or forged from cold rolled steel and has on its inner edge an angular flange 5, formed with an integral lug 6. The inner end of the brace is provided with integral studs 7.

8 denotes an angular seat-brace, the upper end of which is provided with a hole adapted

to receive the buggy-top brace and the lower end of which is provided with a hole through which and the bottom of the seat and the lug of the brace 4 extends a bolt 9, provided with a nut 10. This bolt therefore securely connects the brace 8, seat, and brace 4 together. Other bolts or fastening means 11 may be passed through the brace 8 and the end pieces of the seat and serve to securely hold the end pieces of the seat to the bottom of the seat. The braces 4 when in position have their studs 7 buried in the seat, and thus securely support said seat against upward movement. Bolts 13 may also be passed through the horizontal portions of the brace and the seat to additionally support them.

The braces being made of pliable metal and capable of being bent after formation have each their lower ends bent outwardly and secured to the sills of the buggy-box. These lower ends are not provided with flanges, so that there will be no difficulty whatever in bending them to form feet through which to pass bolts. By constructing the lower ends in this manner they may be bent more or less to accommodate or fit buggy boxes and seats of different relative heights.

From the foregoing description, taken in connection with the accompanying drawings, it is thought that the construction, mode of operation, and advantages of my improved brace will be readily apparent without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. A brace for a buggy-seat support consisting of an angular body portion having angular flanges, the vertical portion of said brace being provided at its lower end with a foot portion, and the horizontal portion being provided with an offstanding lug and an inwardly-projecting stud, substantially as set forth.

2. The combination with a buggy-box, a buggy-seat support, and a seat secured to the latter; of a brace consisting of an angular

body portion having an angular inwardly-projecting flange, the horizontal portion of the flange having an offstanding lug, a bolt for connecting the seat-support to the brace, and
5 a bolt fastening the lug to the seat, substantially as and for the purpose set forth.
In testimony whereof I have hereunto set

my hand in presence of two subscribing witnesses.

JAMES SAMUEL JONES.

Witnesses:

F. C. MOORE,
J. S. GASKINS.