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J. D'ALESSANDRO.
SUPPORT FOR BUGGY TOPS.
APPLICATION FILED JULY 18, 1903.

NO MODEL.

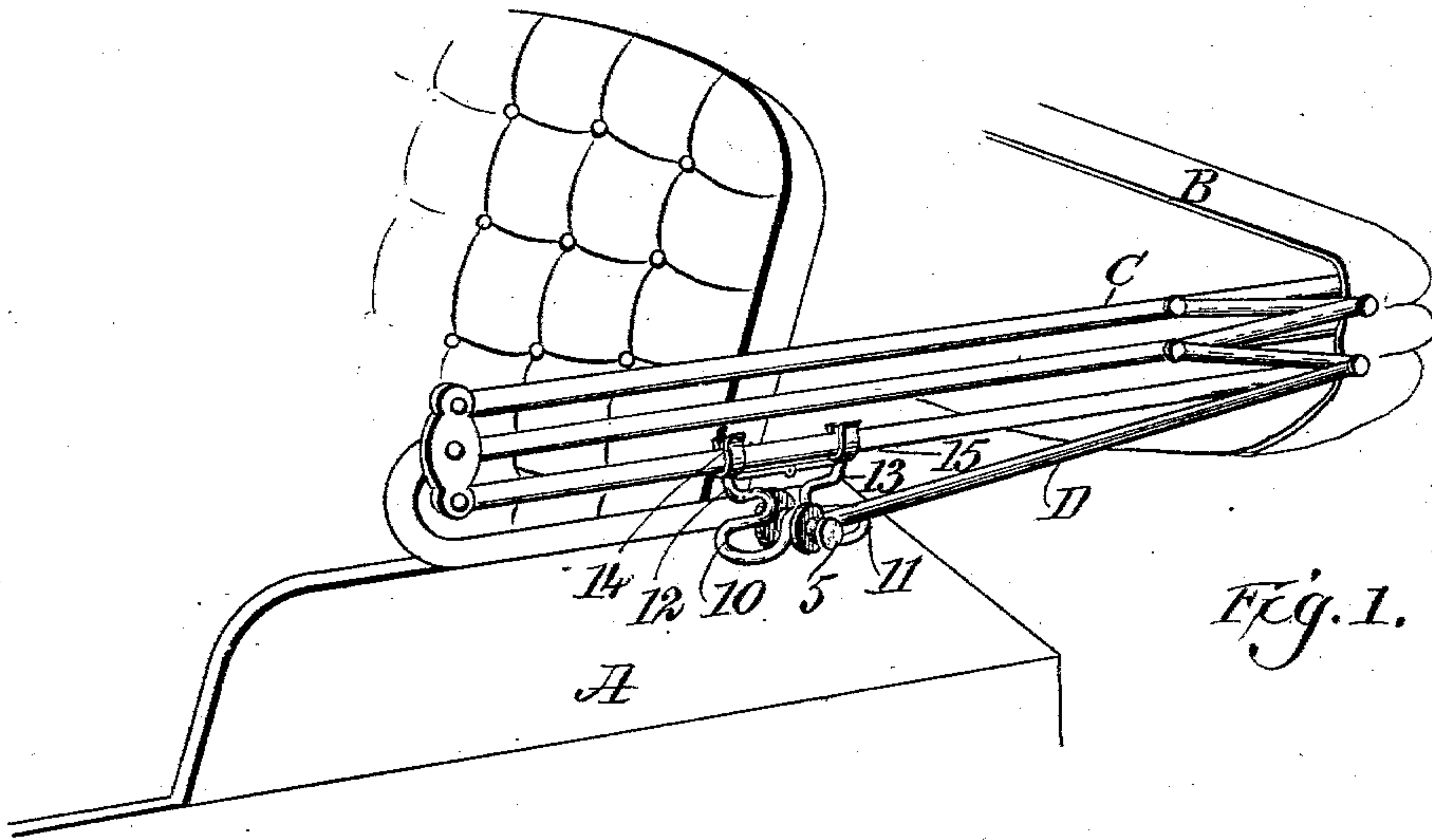


Fig. 1.

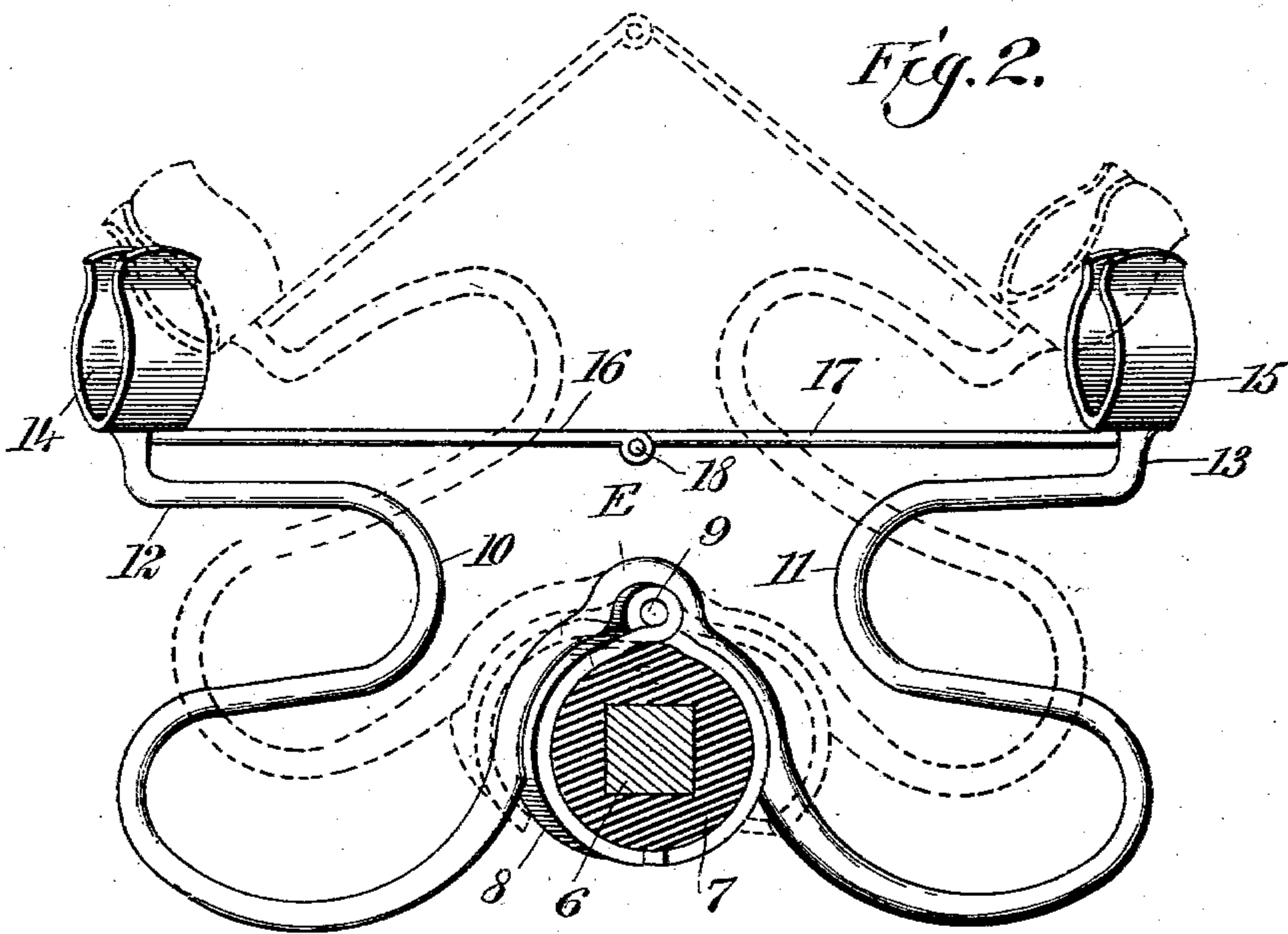


Fig. 2.

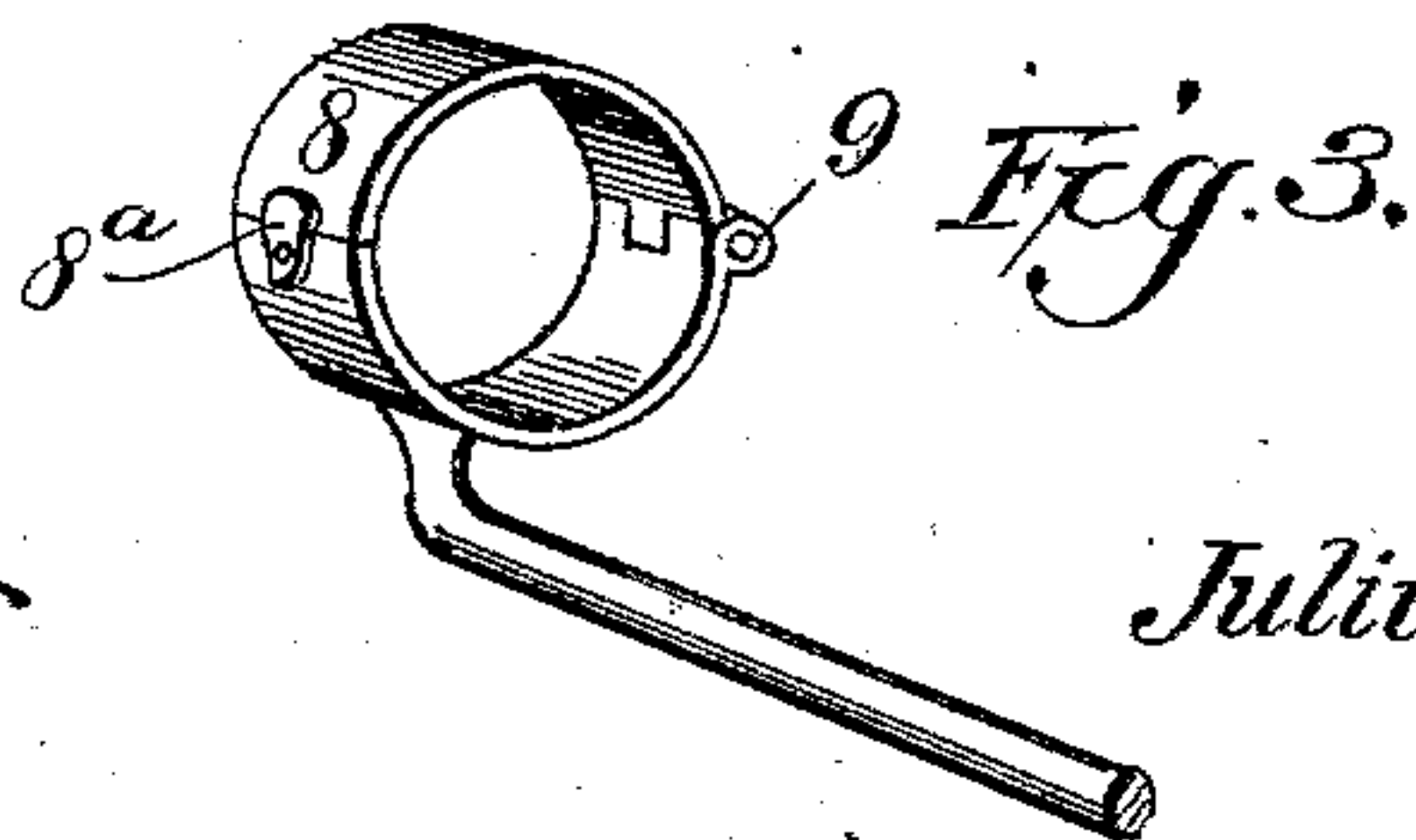


Fig. 3.

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JULIUS D'ALESSANDRO, OF WALNUTGROVE, CALIFORNIA.

SUPPORT FOR BUGGY-TOPS.

SPECIFICATION forming part of Letters Patent No. 753,026, dated February 23, 1904.

Application filed July 18, 1903. Serial No. 166,073. (No model.)

To all whom it may concern:

Be it known that I, JULIUS D'ALESSANDRO, a citizen of the United States, and a resident of Walnutgrove, in the county of Sacramento and State of California, have invented new and useful Improvements in Supports for Buggy-Tops, of which the following is a full, clear, and exact description.

This invention relates to certain novel and useful improvements in devices for supporting the tops of buggies or similar vehicles.

One of the principal objects of the present invention is to provide a support of the type mentioned which shall embody the essential features of simplicity, utility, durability, and convenience.

A further object is to so construct the improved support that it may be readily applied to and removed from the buggy-body, the top-sustaining arms of the support being so formed that the weight of the top will be evenly distributed or equalized and the jolting, jarring, and distortion of the said top caused especially when the buggy is being drawn over rough and uneven ground will be obviated.

With these objects and others of a similar nature in view my invention consists in the construction, combination, and arrangement of parts, as is described in this specification, delineated in the drawings, and set forth in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a portion of a buggy and showing my improvements applied thereto. Fig. 2 is an enlarged perspective view of my improved support and illustrating the manner of applying my improvements, and Fig. 3 is a detail perspective view of the clamping-collar forming part of the support.

Referring now to the accompanying drawings in detail, A designates the side portion of the seat of the body of the buggy or similar vehicle, having a top B, said top being supported through the medium of the ordinary bows C and a rear prop-rod D, which

rod is pivotally supported on a bolt 5, mounted upon the side portion A of the buggy, said bolt having an approximately square shank 6. This squared portion of the bolt-shank is incased or enveloped in a rubber sleeve 7, the bolt and sleeve forming what is commonly known as the "prop-support" of the buggy, and it is to this that my improved top-support is designed to be attached.

The clamping device or attachment member of my improved support is clearly shown in Figs. 2 and 3 and comprises a split collar or clamping-ring 8, the members of which are pivoted together or hinged at 9, the hinging of the collar-sections permitting the clamping-collar to be adjusted to any-size prop, and the construction of the collar is such that when the device is in use the collar will securely engage with the prop. Secured to this clamping-collar is the supporting spring-frame of the device, which may be described in the present instance as a spring E, bent intermediate its length in approximately curved shape to accommodate itself to the clamping-collar, to which it is attached, the portions of the spring at each side portion which are secured to the collar constituting two members which are designated for the sake of convenience by the numerals 10 and 11. These springs or members 10 and 11 are bent outward and then inward and outward again to form what may be termed a "compound" curve or bend, the extremities 12 and 13 each carrying a spring-socket, as shown at 14 and 15, said sockets forming a rest for the bows of the carriage-top. These sockets 14 and 15, which rest approximately in the same horizontal plane, are connected by a rod constructed in sections 16 and 17, having a hinge-joint 18.

In Fig. 3 the hinged sections of the clamping-collar are shown as connected at their free ends by means of a clip 8^a.

From the above description, taken in connection with the accompanying drawings, the construction and operation of my improved device will be readily apparent. When it is desired to attach the support to the prop-bolt of the buggy, the spring members or arms are grasped and pressed downward and inward to-

ward each other to open or move the sections of the clamping-collar outward, this being allowed by the hinged joint 18 of the rod-sections 16 and 17, which permits the sections to be moved at an angle relative to each other until the entire device occupies the position shown in dotted lines in Fig. 2, when the collar may be readily slipped over the rubber envelop or sleeve 7 of the prop-bolt, and the clamping-sections being released will spring in place and firmly engage with the said bolt. When the buggy-top is thrown backward, the stays or bows thereon are supported by the sockets 14 and 15, and any undue jolting or jarring of the top, even when the buggy is traveling over rough and uneven ground, is compensated for through the medium of this attachment.

It will be seen that I have provided an exceedingly simple device and one which can be readily and quickly placed in condition for use, and while I have herein shown and described one particular embodiment of my invention I wish it to be understood that I do not consider myself as limited to all the precise details of construction shown herein, as there may be modifications in some respects without departing from the essential features or the spirit of the invention.

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

1. A support comprising a clamping member, supporting-arms carried by the clamping member, sockets mounted on the arms, and a hinged connection between said arms, substantially as set forth.

2. The combination with a buggy, of an attachment for supporting the top thereof, such attachment comprising a clamping member formed of hinged sections adapted to be secured to the prop-bolt of the buggy, oppositely - extending arms formed of a single spring secured to said clamping member, sockets carried by said arms, said sockets being designed to form a rest for the bows of the buggy-top, and a hinged rod connecting said sockets, substantially as set forth.

3. The combination with a buggy, of a support therefor, said support comprising a clamping member formed of two hinged curved sections, a spring formed with a curved bend intermediate its length and designed to be secured to the clamping member at such curved portion, arms or members formed by the portions of the spring on either side of the curved bend, spring-sockets carried at the extremities of said arms, and a rod formed of hinged sections connecting said sockets, substantially as set forth.

4. A device for supporting buggy-tops, comprising a clamping-collar, supporting-arms formed from a single spring, each of said arms comprising a compound curved spring, the curves of said arms extending in opposite directions, a supporting-socket formed at the extremity of each arm, and a hinged rod connecting said sockets, substantially as set forth.

5. A device for supporting buggy-tops, comprising a clamp formed of hinged sections, means for locking the sections together, upwardly-extending spring-arms carried by the clamping-section, a socket carried by each arm, and a rod formed of hinged sections connecting said sockets, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JULIUS D'ALESSANDRO.

Witnesses:

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