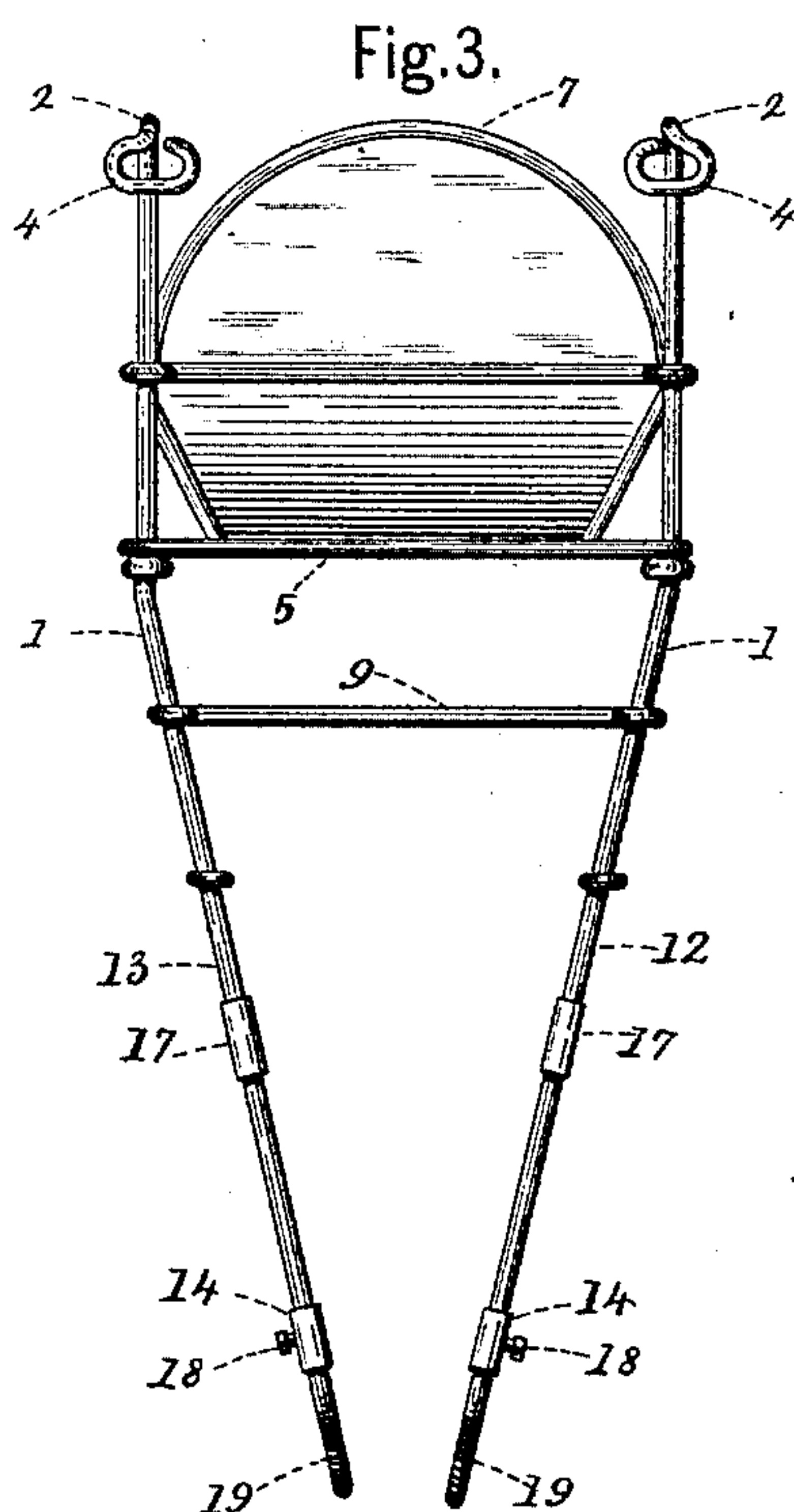
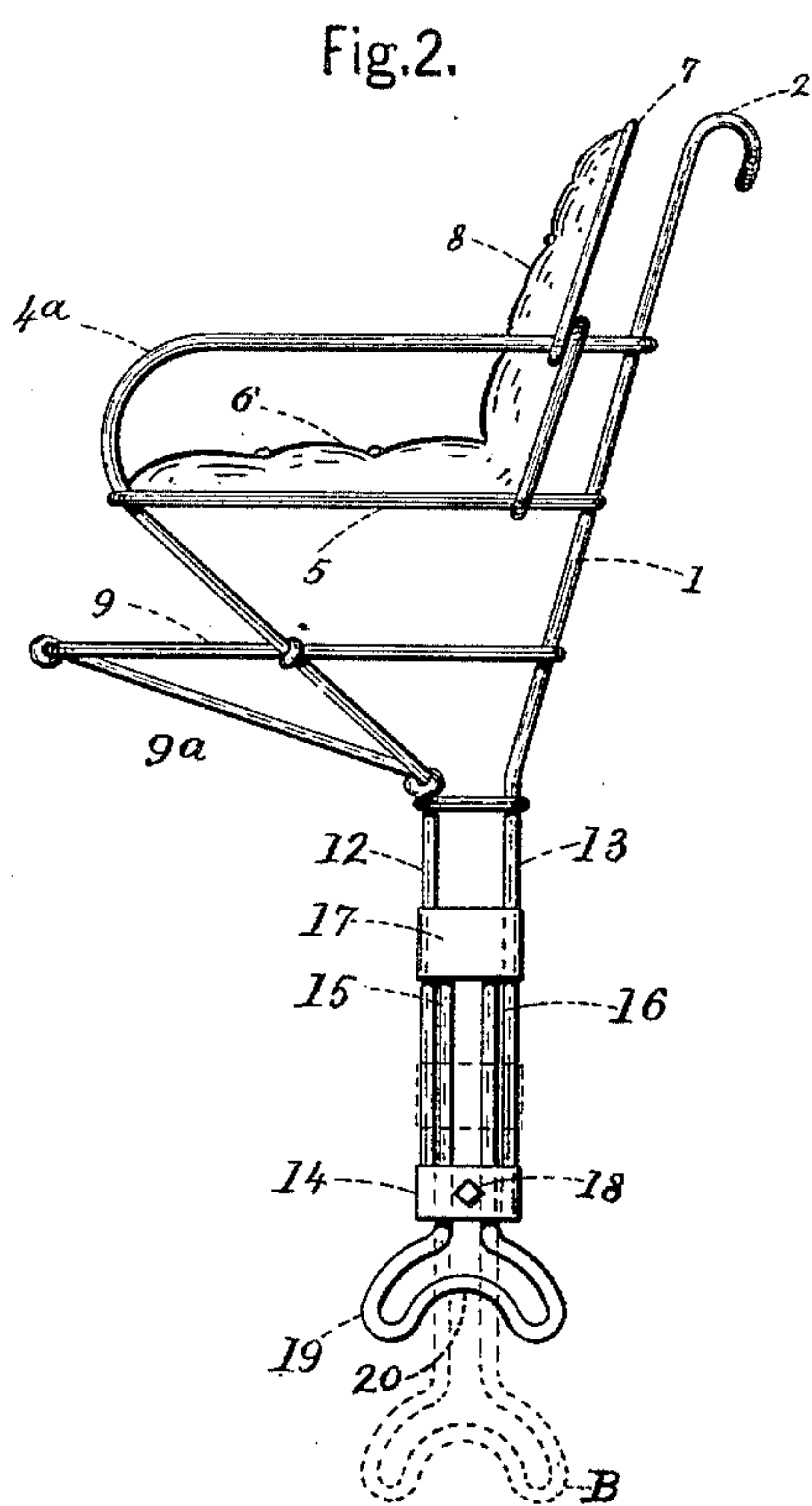
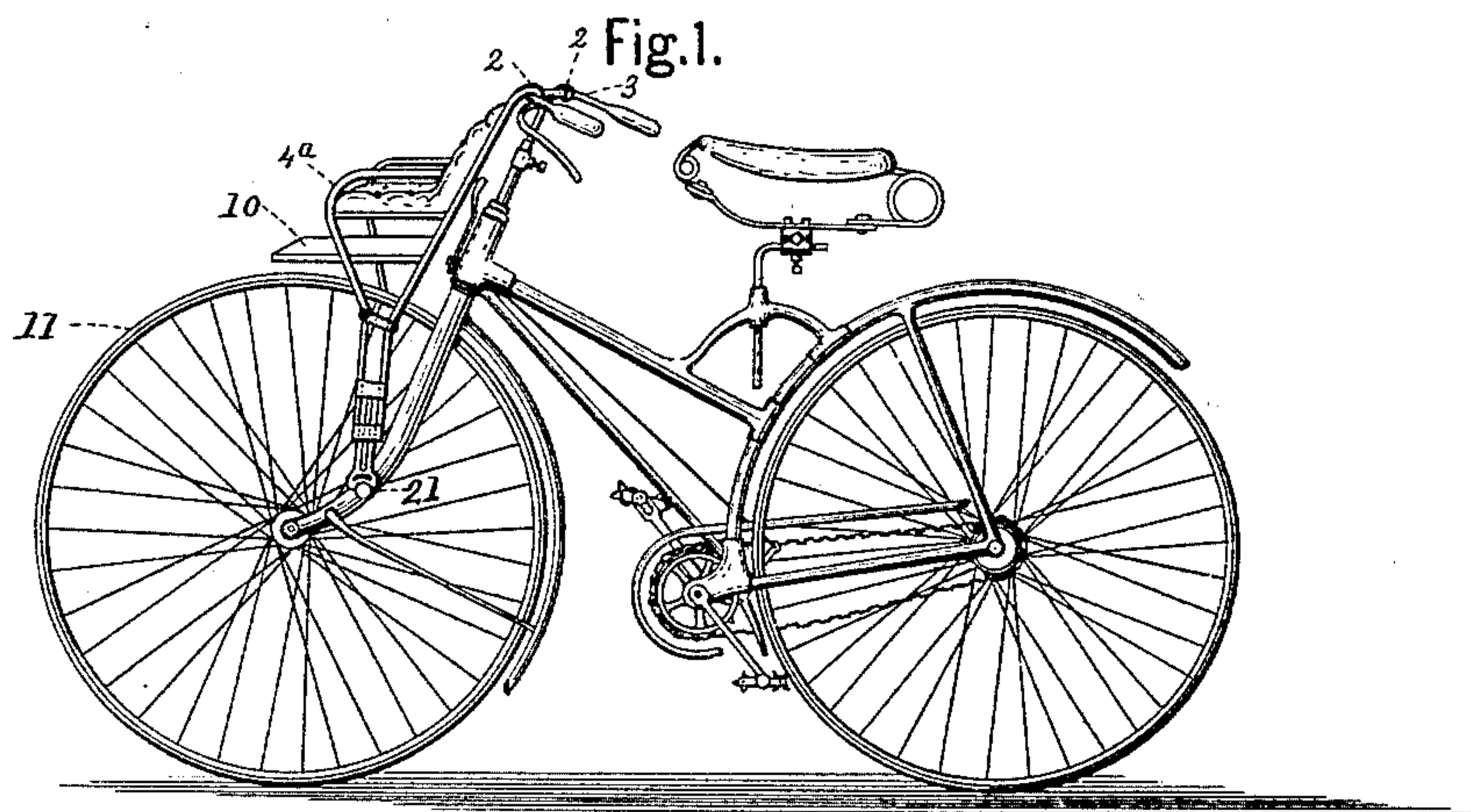


(No Model.)

F. VOSS.
SEAT ATTACHMENT FOR BICYCLES.

No. 450,712.

Patented Apr. 21, 1891.



Witnesses.

William Schultze.
Charles Schenk.

Frederick Voss. Inventor.
By *James Sangster* Attorney.

UNITED STATES PATENT OFFICE.

FREDERICK VOSS, OF BUFFALO, NEW YORK.

SEAT ATTACHMENT FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 450,712, dated April 21, 1891.

Application filed August 15, 1890. Serial No. 362,068. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK VOSS, a citizen of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Bicycle-Chairs, of which the following is a specification.

My invention consists in certain improvements in children's chairs adapted to be attached to the front of a bicycle, and will be fully and clearly hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a bicycle, showing my improved chair attached thereto. Fig. 2 is a side elevation of the chair, and Fig. 3 is a rear elevation of the same.

The frame of the chair is preferably made of heavy iron wire, but may be constructed of any suitable material. It consists of the two side portions 1, each side portion being provided with a hook portion 2 at the top, the hooks 2 being made to bend backward and downward, adapting them to catch over and hang on the guide-rod 3 of a bicycle. (See Fig. 1.) The hook ends 2 are formed somewhat in the shape of a ring 4, (better shown in Fig. 4,) through which a strap (or a piece of strong cord) may be passed and fastened by winding it around the guide-rod 3 and then tying the twine or cord in any well-known way, so as to secure the hooks rigidly in place to the guide-rod 3; or the hooks may be secured by means of a strap passed through them and wound around the guide-rod and fastened in the usual way by the buckle. At the front of the side pieces 1 is a curved arm-piece 4^a on each side of the chair, and below it is the bottom frame-piece 5, by which the upholstered bottom 6 is secured, and 7 represents the parts to which the upholstered back 8 is secured. Below the bottom pieces 5 are bars 9, (secured by braces 9^a,) to which the platform 10 (shown in Fig. 1) is secured, so as to form a foot-step upon which the child can set its feet. It also acts as a guard to protect the feet from the wheel below them, (wheel 11.) At the lower part

of both sides of the chair are two downwardly-projecting parallel rods 12 and 13, having at the bottom a surrounding clamping-piece 14 rigidly secured thereto.

Between the rods 12 and 13 at each side of the chair are two bars 15 and 16, having a surrounding holding-piece 17, to which their top ends are rigidly secured. These holding-pieces also surround the bars 12 and 13 and fit them so as to be moved easily up or down thereon, substantially as shown in Fig. 2 by the dotted lines B, and when adjusted to any point desired they are fastened by means of a set-screw 18 in the clamping-piece 14, which clamps the bars 15 and 16 and secures them rigidly at the point desired. The bars 15 and 16 are preferably formed of one piece of heavy wire and are formed with a curved hollow foot 19, the hollow portion 20 being adapted to set down over the well-known foot-rest pins or bars 21 of a bicycle, (see Fig. 1,) of which there are one on each side of the bicycle-fork, and thereby hold or keep the chair rigidly in place. It will be seen from this construction that the two legs of the chair and the foot-pieces may be sprung apart, so as to fit over and straddle and hug close to the bicycle-fork, and when the chair is fastened by the foot-pieces at the bottom and by the hooks at the top, as described, it is held firmly in position.

I claim as my invention—

In a child's bicycle-chair, the combination of the hook portions 2 at the upper part of the chair, two side portions adapted to straddle the bicycle-fork, and two extensible legs made adjustable by means of a set-screw, each leg being provided with an inverted hollow foot-piece adapted to fit and rest on the foot-rest of a bicycle, whereby the chair may be used for bicycles of various sizes, substantially as described.

FREDERICK VOSS.

Witnesses:

JAMES SANGSTER,
WILLIAM SCHULTZE.