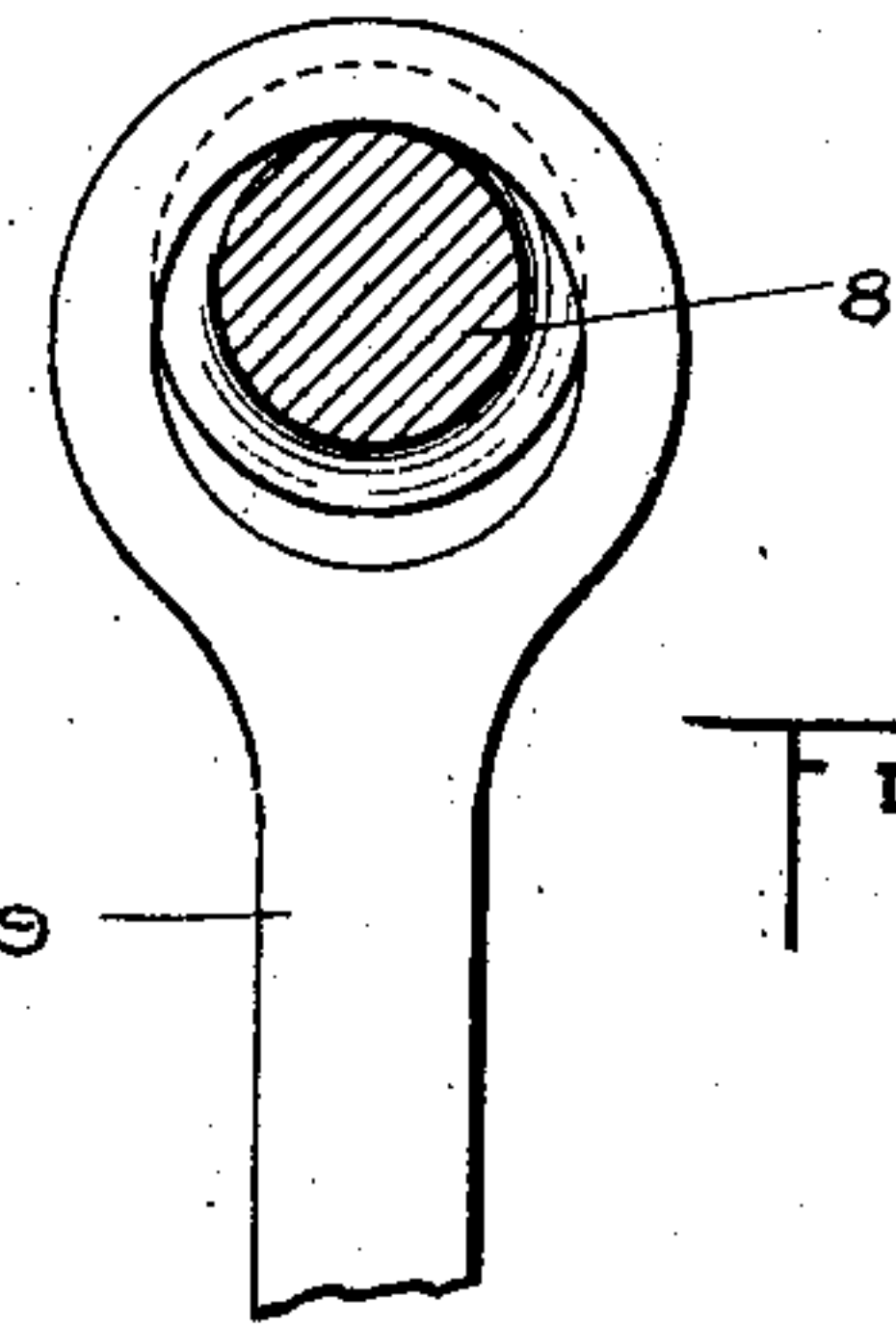
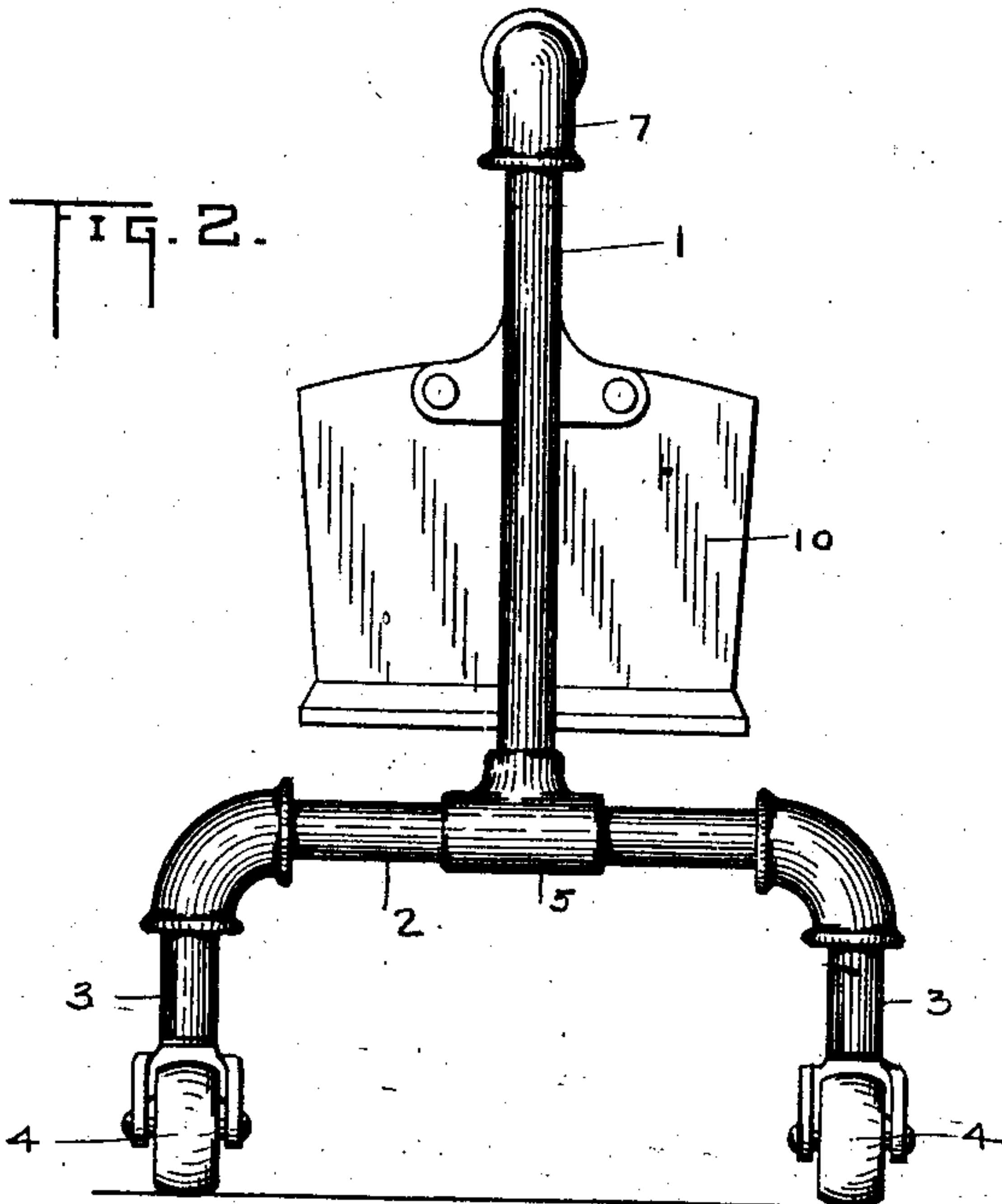
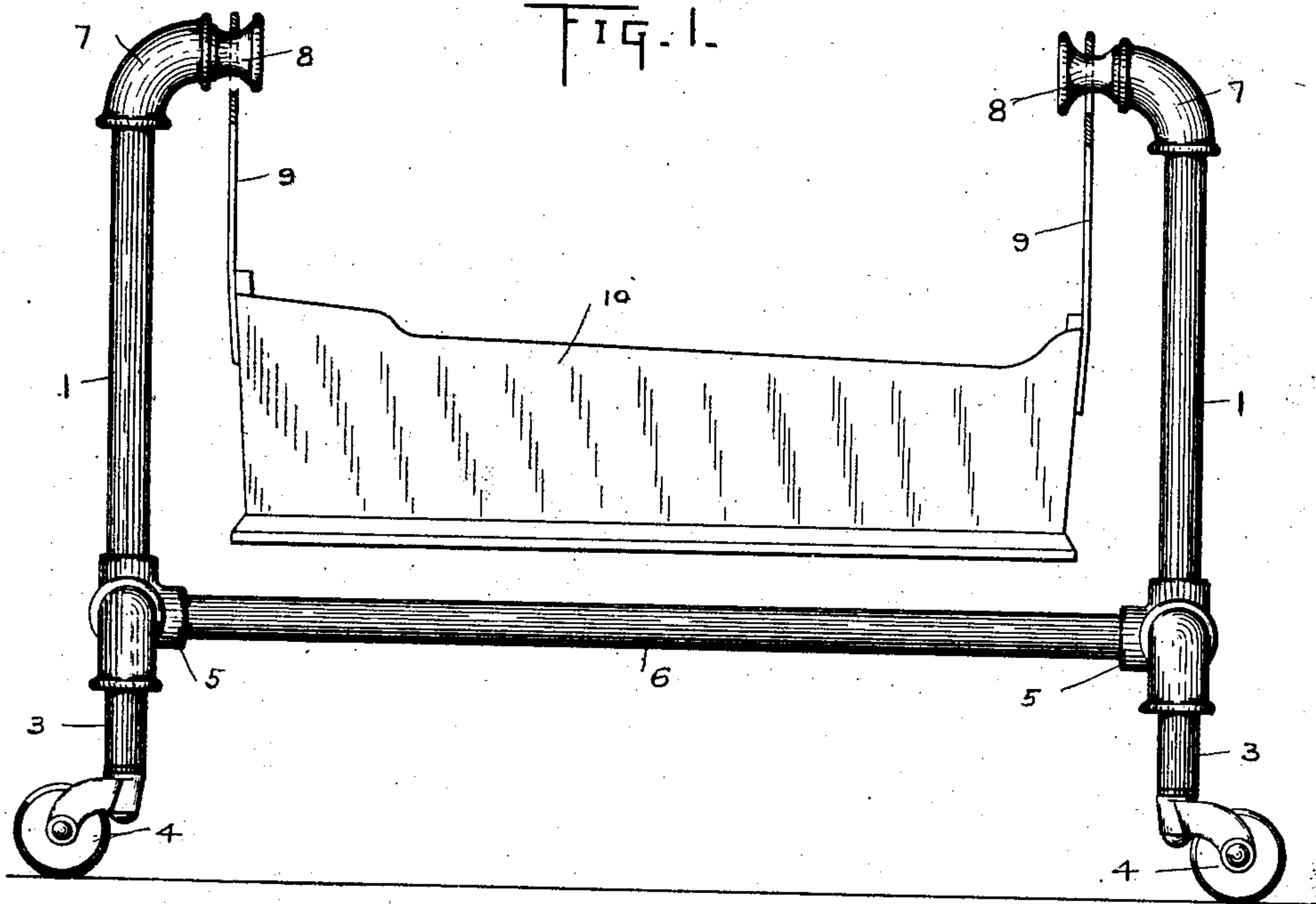


A. R. CLAPP.  
CRADLE.

APPLICATION FILED FEB. 25, 1908.

919,320.

Patented Apr. 27, 1909.



Witnesses  
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# UNITED STATES PATENT OFFICE.

ANDREW R. CLAPP, OF MACKINAW, MICHIGAN.

## CRADLE.

No. 919,320.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed February 25, 1908. Serial No. 417,707.

*To all whom it may concern:*

Be it known that I, ANDREW R. CLAPP, a citizen of the United States, residing at Mackinaw city, in the county of Cheboygan and State of Michigan, have invented certain new and useful Improvements in Cradles, of which the following is a specification.

This invention relates to improvements in cradles, and the object is to provide a simple, compact and easily operated cradle, and one that is strong and durable.

The invention consists in the novel features of construction hereinafter fully described, particularly pointed out in the claim, and clearly illustrated by the accompanying drawing, in which—

Figure 1 is a side elevation of a cradle constructed in accordance with my invention; Fig. 2, an end elevation, and Fig. 3, an enlarged detail view showing the manner of pivoting the hangers for the cradle.

The supporting frame for the cradle-body is formed of metal tubing and comprises uprights 1 raised from base-sections 2, which latter are provided at each end with feet 3 carrying suitable casters 4. Uprights 1 at their lower ends are screwed into vertical sockets of 4-way connections or tees 5, and the base-sections 2 are each formed of two pieces of tubing which are screwed into two of the sockets of these connections or tees. A connecting bar or reach 6 is screwed at its ends into the remaining sockets of the 4-way connections, thus connecting the two end-members of the supporting-frame by a bar extending beneath the cradle-body, and forming a firm, substantial supporting-frame for the cradle-body.

Each upright 1 has at its upper end, an ell 7, the free ends of the ells being disposed toward each other. Screwed or otherwise detachably secured in the free ends of the ells are the pivots or bearings 8 for hangers 9. These hangers are formed of comparatively thin sheet metal so as to present almost a knife-edge to the bearings 8. Said hangers are attached at their lower ends to the ends of the cradle-body 10, and at their

upper ends are enlarged and formed with openings to receive the pivots or bearings 8, which latter are inserted through said openings and then secured to the ells 7.

The cradle-body may be formed with solid sides and ends as illustrated or it may be constructed of slats and bars, or in any other preferred manner. The pivots or bearings 8 are curved or dished longitudinally and this together with the thin knife-edge of the hangers reduces friction to a minimum, so that the cradle-body may be easily swung, and will swing without any jarring or jerking. The hangers being of flexible material, the cradle-body may be moved slightly back and forth longitudinally to give an easy and smooth soothing movement, in addition to the ordinary swinging or rocking movement. The supporting-frame being strong and rigid, the cradle may be readily moved from place to place without straining or twisting. The connecting-bar 6 being located beneath the cradle-body leaves a free and unobstructed space above the cradle so that the child may be readily lifted in and out, and at the same time a much stronger structure is provided.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent of the United States, is:

A cradle comprising a supporting frame comprising a base and uprights raised therefrom, said uprights being formed tubular and having upper ends disposed toward each other, pivots fitting in said upper ends curved or dished longitudinally, a cradle-body, and hangers formed of thin metal secured at their lower ends to the ends of the cradle-body and at their upper ends formed with openings to receive the pivots, said hangers permitting a vibratory movement of the cradle as well as a rocking motion and presenting substantially a knife-edge to the pivots.

In testimony whereof I affix my signature, in presence of two witnesses.

ANDREW R. CLAPP.

Witnesses:

DELL WHEELER,  
W. B. SUNDERLAND.