

No. 724,535.

PATENTED APR. 7, 1903.

L. E. BEARDEMPHL.  
DISH WASHING MACHINE.  
APPLICATION FILED SEPT. 22, 1902.

NO MODEL.

2 SHEETS—SHEET 1.

Fig. 1.

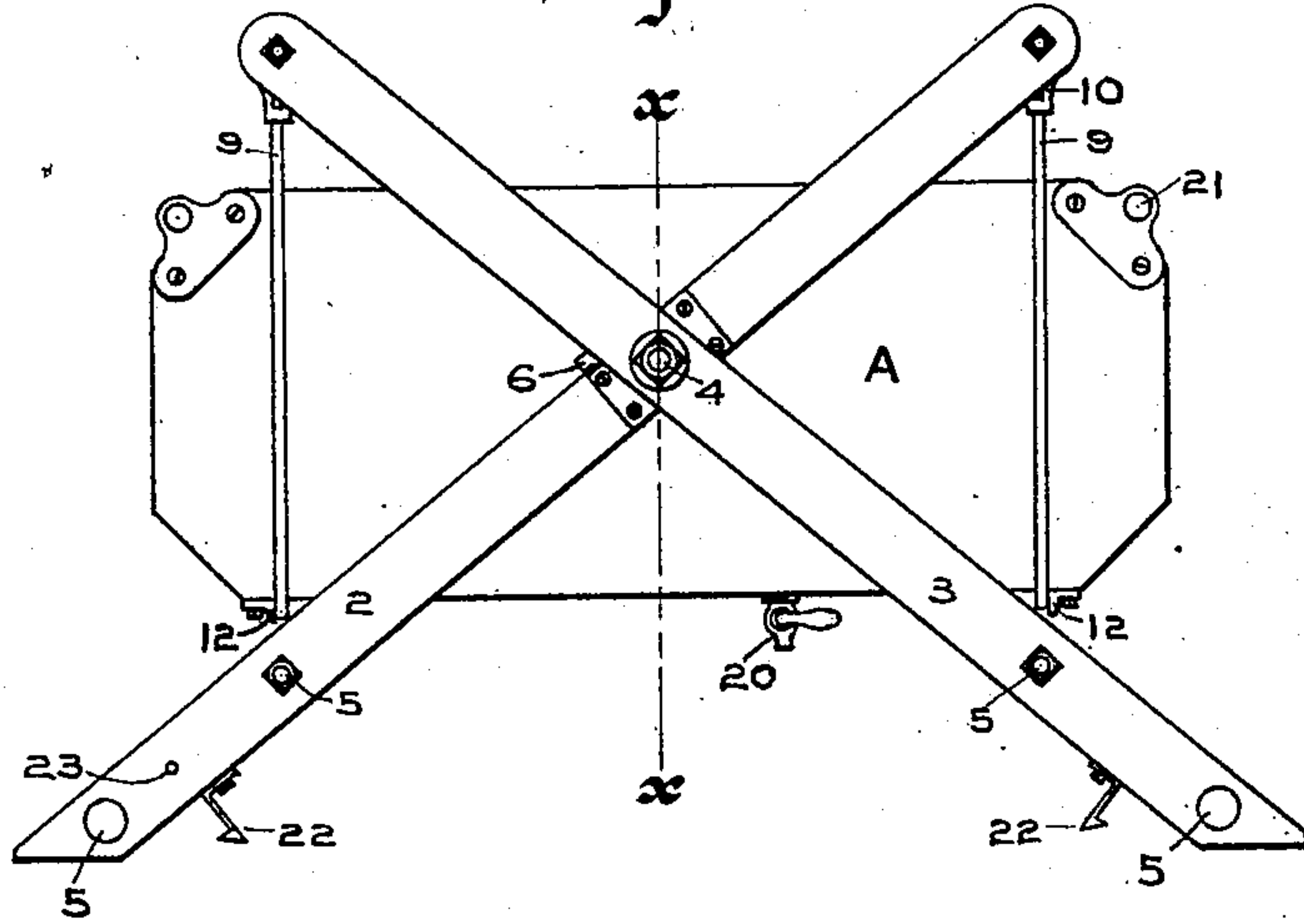
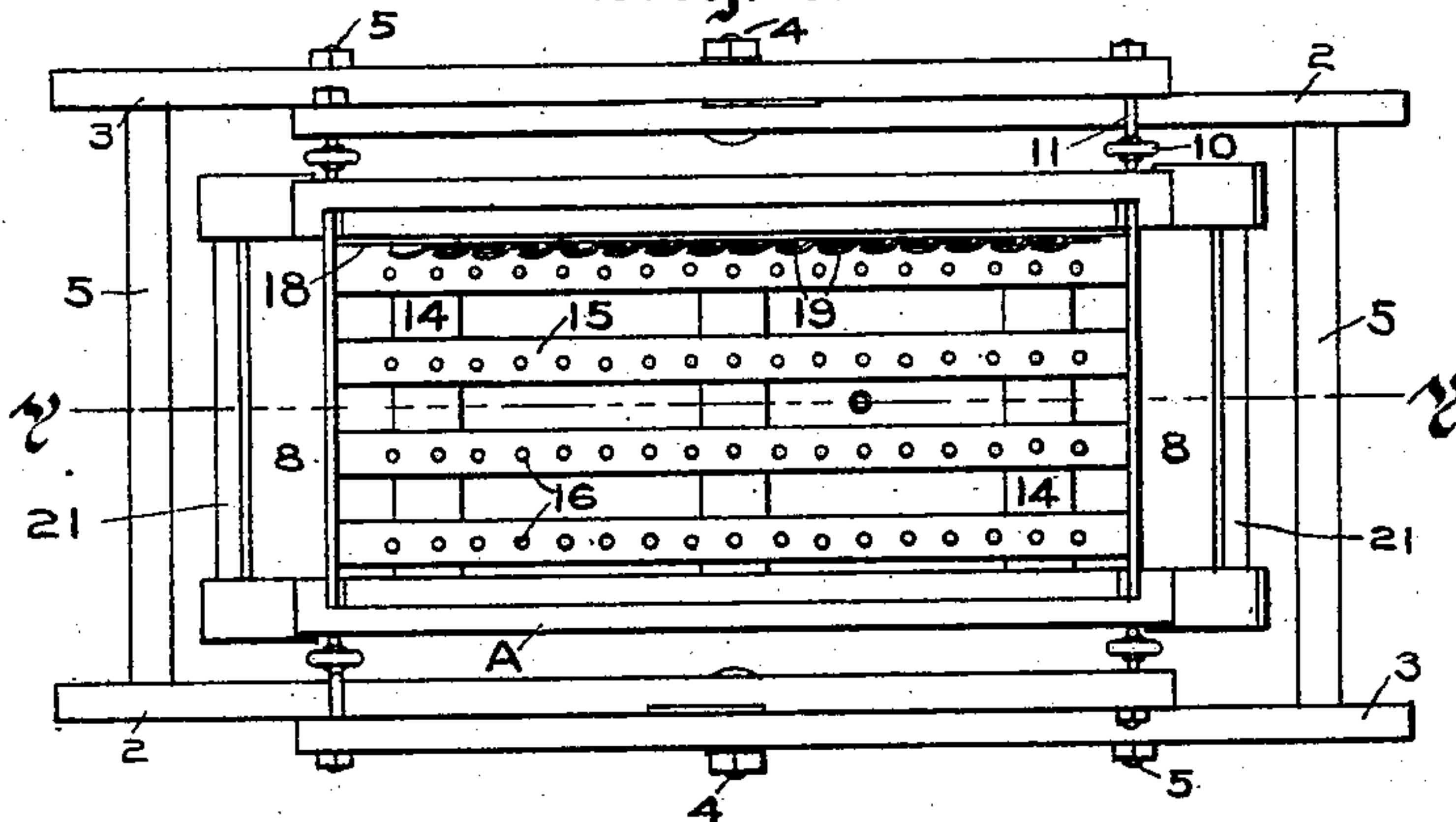


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

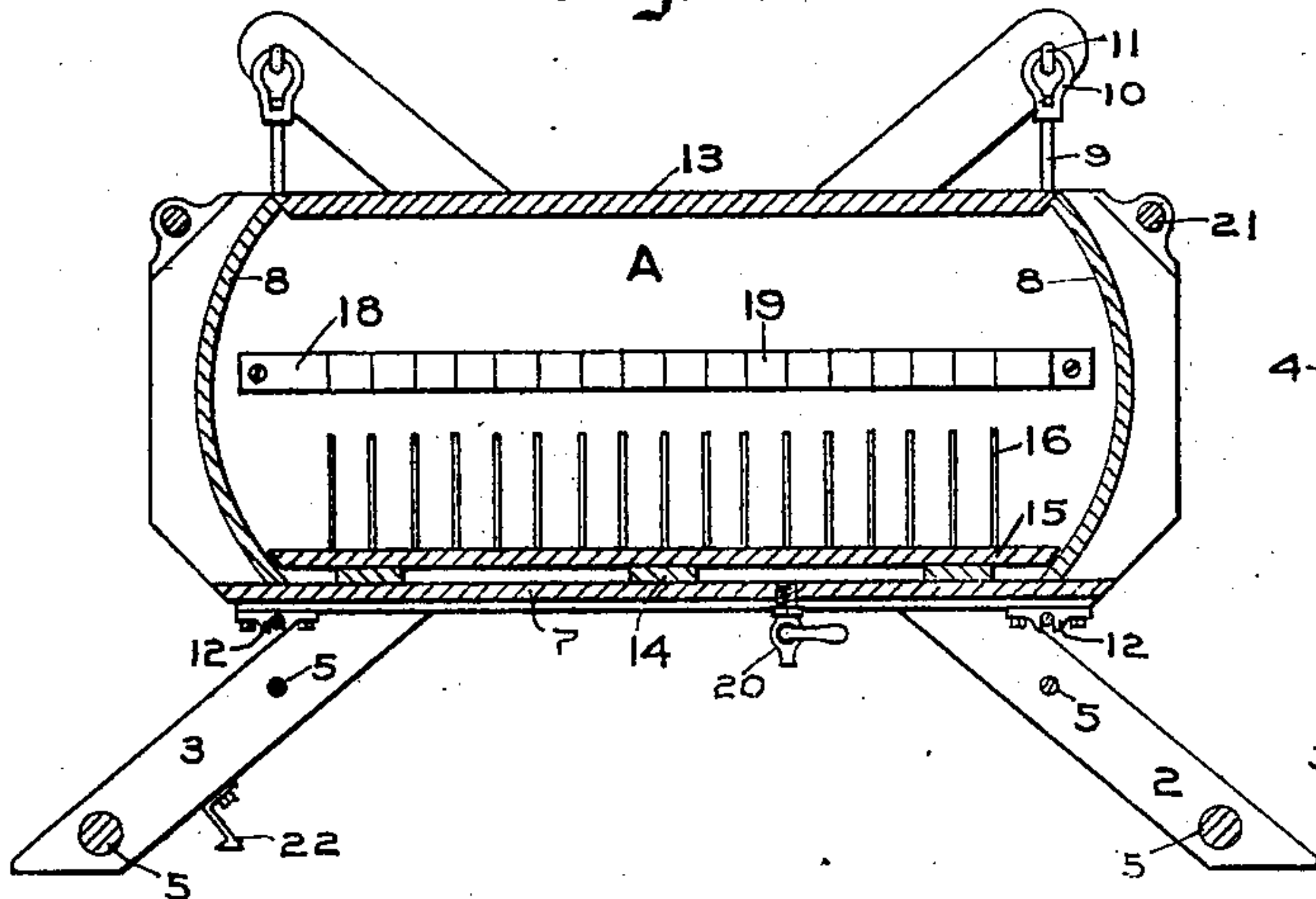


Fig. 4.

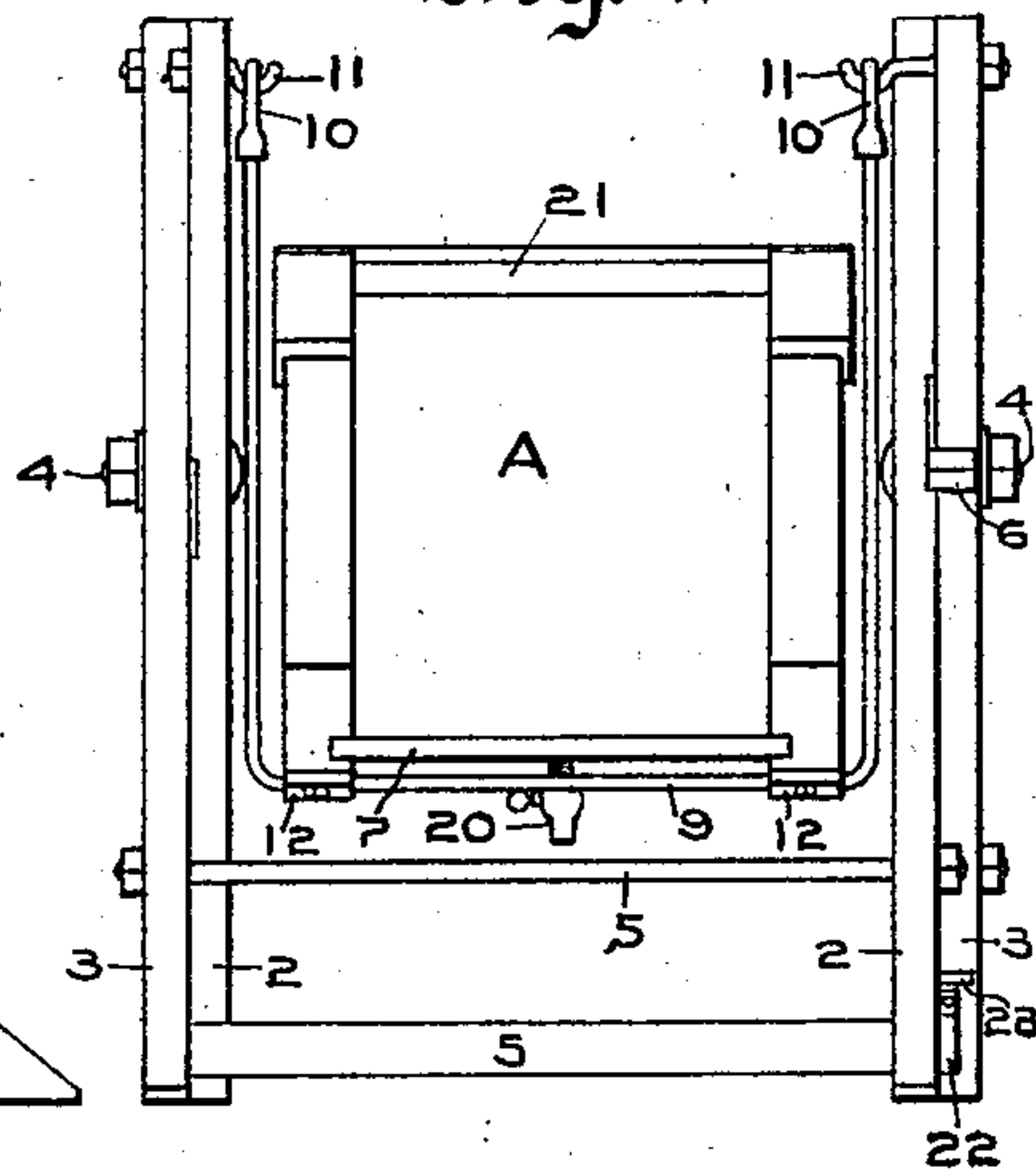


Fig. 5.

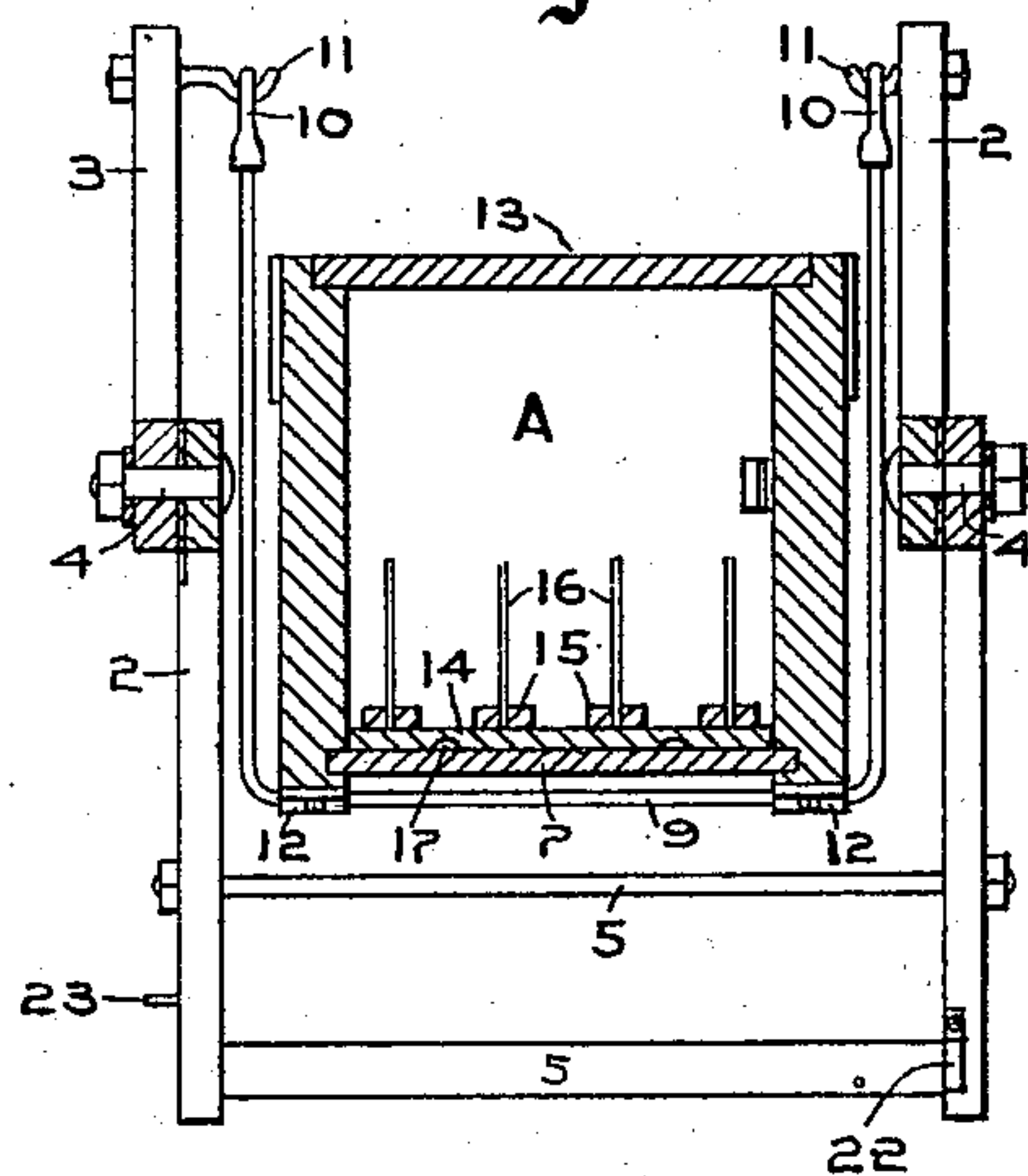
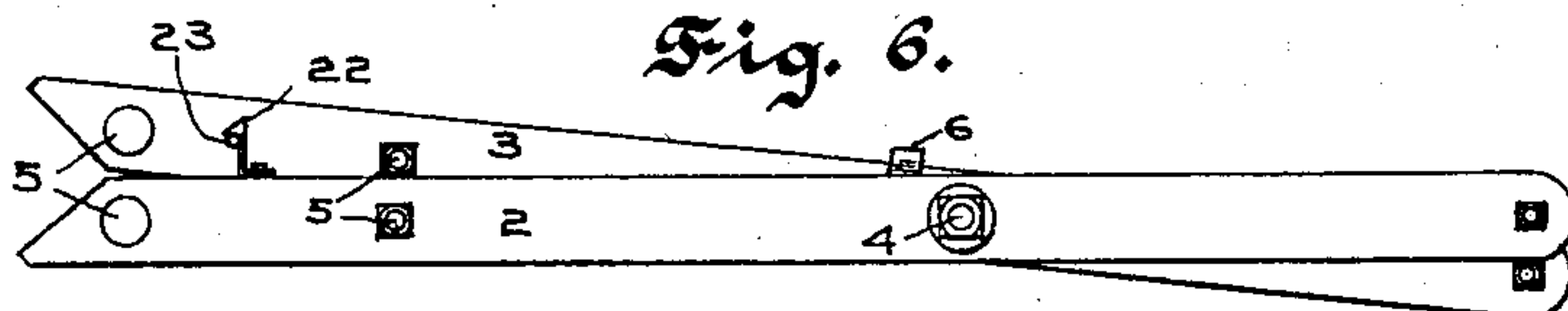


Fig. 6.



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# UNITED STATES PATENT OFFICE.

LYDIA E. BEARDEMPHL, OF ASHTON, SOUTH DAKOTA.

## DISH-WASHING MACHINE.

SPECIFICATION forming part of Letters Patent No. 724,535, dated April 7, 1903.

Application filed September 22, 1902. Serial No. 124,352. (No model.)

*To all whom it may concern:*

Be it known that I, LYDIA E. BEARDEMPHL, a citizen of the United States, residing at Ashton, in the county of Spink and State of South Dakota, have invented certain new and useful Improvements in Dish-Washing Machines, of which the following is a specification.

My invention relates to improvements in dish-washing machines, its object being particularly to provide means for so holding the dishes in the machine that breaking of them will be prevented in the use of the machine; and it consists also in the other features of construction and combination hereinafter particularly described and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 is a side elevation of my improved dish-washing machine. Fig. 2 is a top view of the same. Fig. 3 is a longitudinal section on line *y y* of Fig. 2. Fig. 4 is an end view. Fig. 5 is a section on line *x x* of Fig. 1, and Fig. 6 is a view of the supporting-frame in collapsed position with the dish-receptacle removed.

As shown in the drawings, the supporting-frame consists of bars 2 and 3, having pivotal connection 4 and connected at their lower ends by cross-bars 5. The bars 2 are provided with stops 6, against which the bars 3 rest when in extended position, as shown in Fig. 1.

A represents the dish-receptacle, preferably having, as shown, a flat bottom 7 and outwardly-curved ends 8. The receptacle A has swing support from the upper ends of the side bars by means of the hangers 9, said hangers being provided with eyes 10, fitting over hooks 11, which project inwardly from the upper ends of the side bars. The central portions of the hangers fit in bearings 12, secured upon the under side of the receptacle. The receptacle is provided with a suitable removable top 13. Within the receptacle is arranged a removable dish-holding frame consisting of cross-bars 14 and longitudinal bars 15, the bars 15 being provided with upwardly-projecting posts 16. The cross-bars 14 are provided with openings 17 to allow flow of the water underneath the dish-holding frame. Secured upon one side of the receptacle is a rack 18 for holding knives and forks. The rack 18 is provided with lips 19, underneath which the knives and forks are held. The receptacle is provided with a suitable drain-

cock 20 in its bottom. In the ends of the dish-receptacle are secured the horizontal hand-bars 21 for use in swinging the receptacle upon its hangers. When not in use, the receptacle is adapted to be removed from the frame by disconnecting the hangers from the hooks 11. The frame may then be turned into collapsed position, as shown in Fig. 6. Spring-hooks 22 project inwardly from the lower ends of the bars 2 and fit over pins 23, carried by the bars 3, to hold the frame in collapsed position, as shown.

In use the large dishes are placed upon the dish-holding frame between the posts 16, the knives and forks being placed between the lips of the rack 18. By swinging the receptacle upon its hangers the water within the receptacle will be forced from end to end thereof between the dishes to thoroughly cleanse them. The posts 16 and the rack 18 hold the dishes out of contact and prevent their being broken in the use of the machine. By having the ends of the dish-receptacle curved, as shown, the water will be thrown back upon the dishes in such a manner as to more thoroughly cleanse the same than would be the case with straight ends.

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

1. In a dish-washing machine, the combination with a frame, and a receptacle having swing support in said frame, of a dish-holding frame removably arranged in said receptacle, and consisting of longitudinal slats supported a slight distance above the bottom of the receptacle, and a series of upwardly-projecting posts carried by said slats.

2. In a dish-washing machine, the combination with a frame, and a receptacle having swing support in said frame, of dish-holding means consisting of a series of horizontal slats removably supported upon the bottom of the receptacle, upwardly-projecting posts carried by said slats, and a series of overlapping lips secured along one side of the receptacle.

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

LYDIA E. BEARDEMPHL.

Witnesses:

CHARLES BEARDEMPHL,  
S. P. WATKINS.