

J. SIEMSEN.
CLOTHES LINE SUPPORT.
APPLICATION FILED APR. 19, 1909.

930,894.

Patented Aug. 10, 1909.

2 SHEETS—SHEET 1.

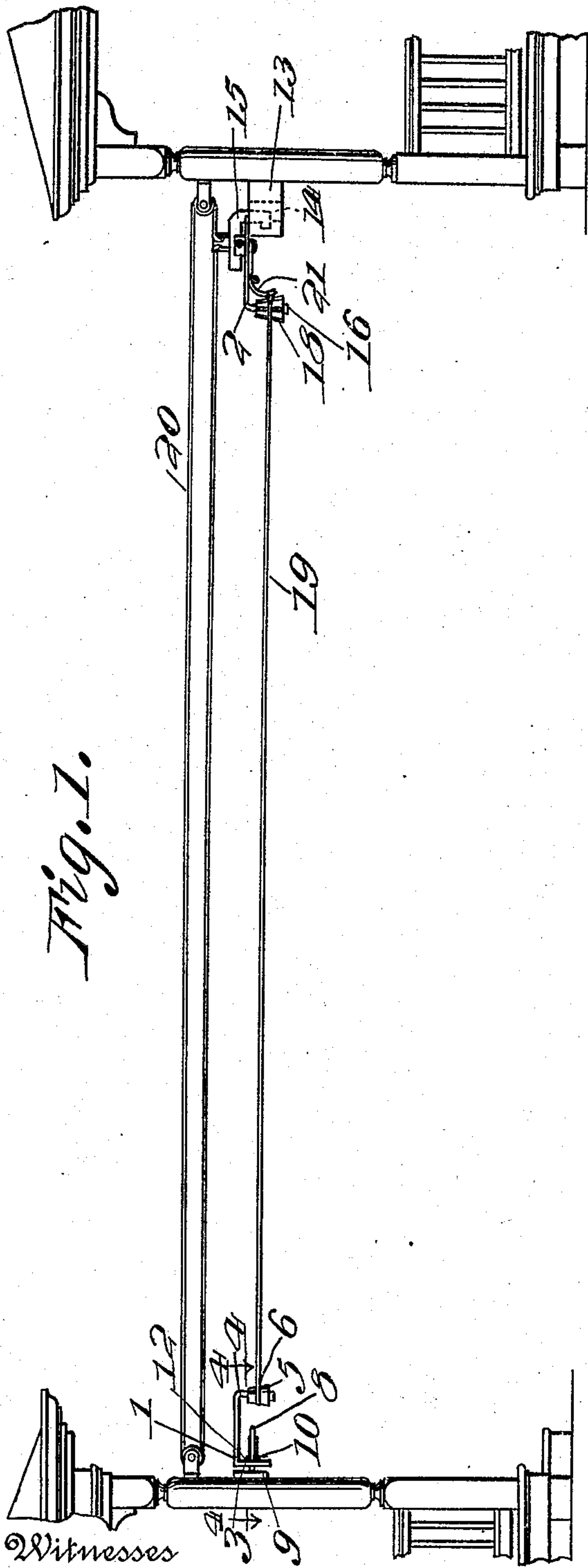


Fig. 1.

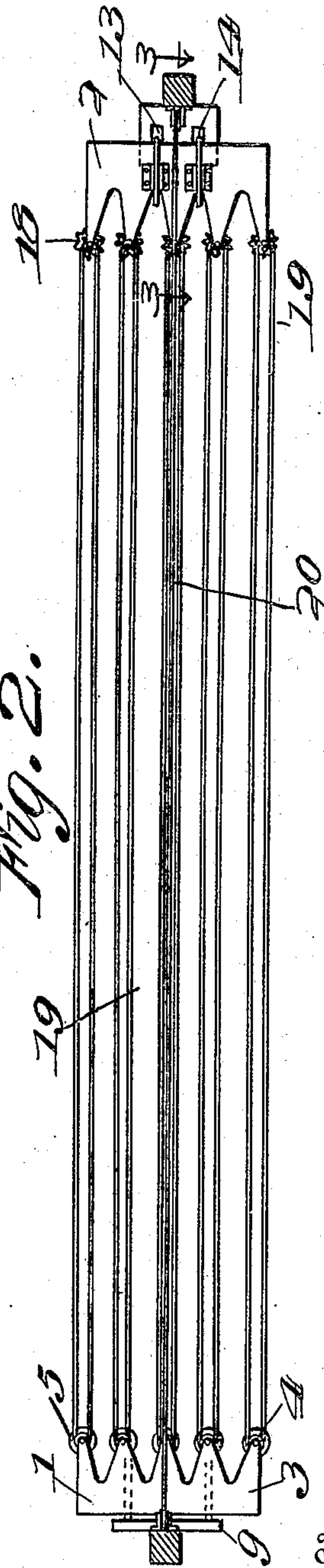


Fig. 2.

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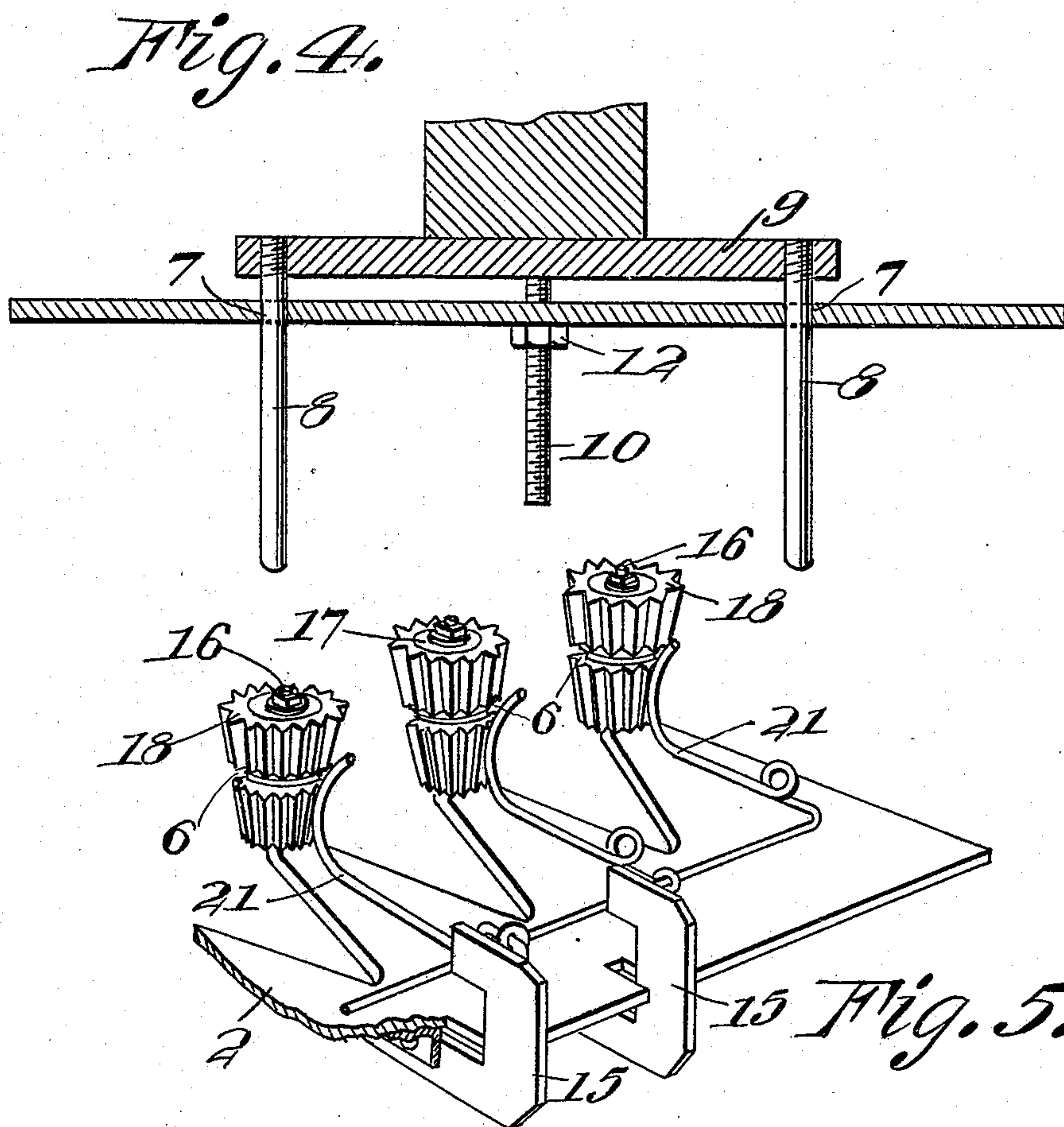
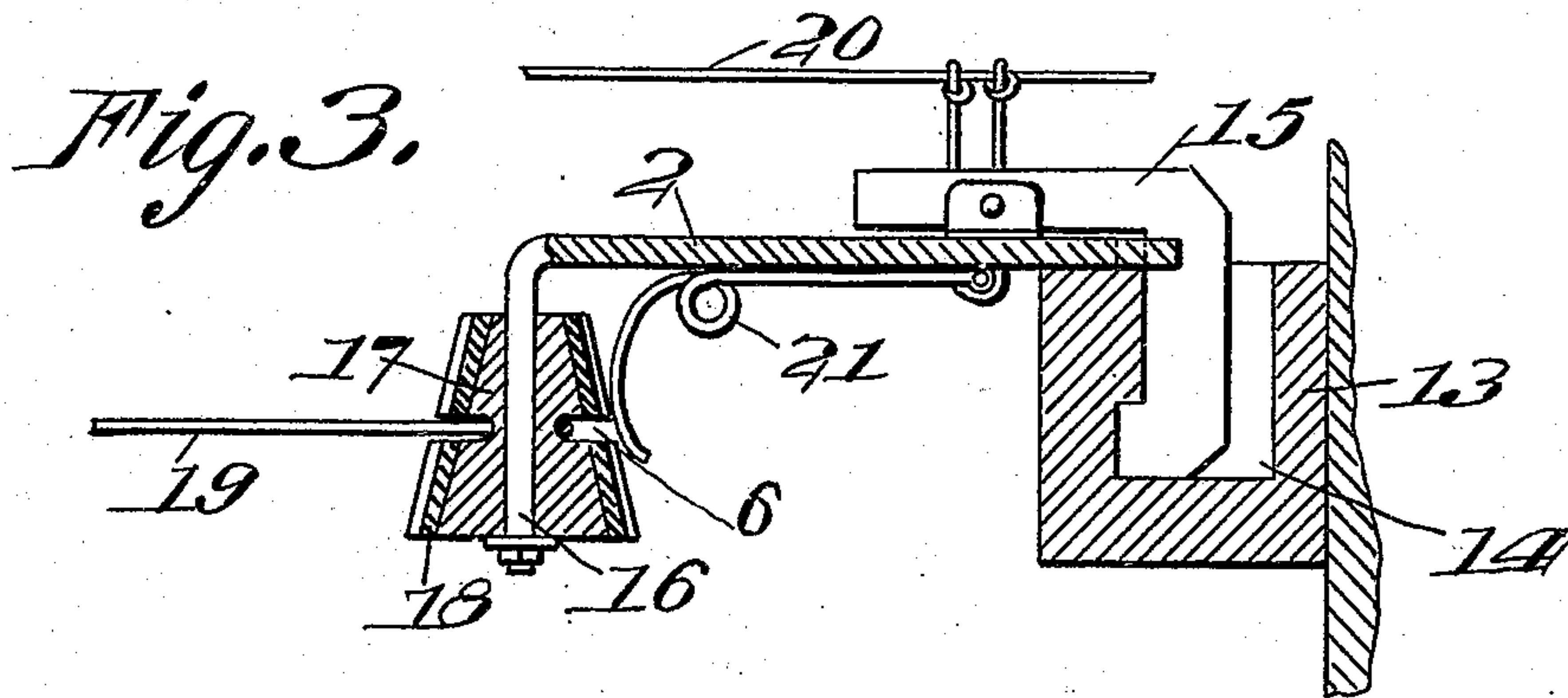
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UNITED STATES PATENT OFFICE.

JURGEN SIEMSEN, OF KEARNEY, NEBRASKA, ASSIGNOR OF ONE-HALF TO LYMAN H. SMITH,
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CLOTHES-LINE SUPPORT.

No. 930,894.

Specification of Letters Patent.

Patented Aug. 10, 1909.

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To all whom it may concern:

Be it known that I, JURGEN SIEMSEN, a citizen of the United States, residing at Kearney, in the county of Buffalo and State of Nebraska, have invented certain new and useful Improvements in Clothes-Line 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.

This invention relates to improvements in clothes line supports.

The object of the invention is to provide a clothes line support adapted to be secured between buildings, posts or other suitable supporting devices, and having means whereby a plurality of clothes lines may be held in position for use and adjusted to bring the entire length of the lines into position for attaching the clothes thereto from either end thereof or at any point along the lines.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a side view of a clothes line support constructed in accordance with the invention; Fig. 2 is a top plan view of the same; Fig. 3 is a detail vertical section on the line 3—3 of Fig. 2; Fig. 4 is a detail horizontal section through the adjustable fastening mechanism of one of the supports taken on the line 4—4 of Fig. 1; Fig. 5 is a detail perspective view of the lower side of one of the pulley supporting racks.

In the embodiment of my invention, I provide pulley supporting racks 1 and 2. The rack 1 comprises a plate having along one edge a right angularly projecting attaching flange 3 and along its opposite edge a series of right angularly projecting bearing fingers 4 on each of which is revolubly mounted a line supporting pulley 5, said pulleys being secured in operative position on the fingers in any suitable manner. The pulleys 5 are preferably provided with deep line engaging grooves 6. The flange 3 of the rack 1 is provided with guide passages 7 with which are engaged guide rods 8, which are secured to a bracket 9 fastened to the wall of a building

or other support. In the flange 3 is also formed a passage through which projects a supporting and adjusting bolt 10, one end of which is secured in the bracket 9 or its support and on the threaded outer end of which is arranged an adjusting nut 12 which is adapted to be screwed inwardly or outwardly on the bolt to hold said rack 1 in adjusted position on the bolt and guide rods 8, thereby increasing or diminishing the distance between the racks 1 and 2. By means of this adjustment, the clothes lines may be stretched when desired.

On the wall or support at the opposite end of the lines is arranged a supporting bracket 13 having formed therein vertically disposed slots 14 which are adapted to be engaged by hook-shaped members 15 which are pivotally mounted in suitable brackets on the rack 2 whereby said rack is detachably secured to the bracket 13. The rack 2 is provided on its outer edge with a series of right angularly projecting pulley supporting fingers 16 on which are revolubly mounted line engaging pulleys 17, said pulleys being preferably provided with a covering 18 of rubber, in which is formed a series of vertically disposed grooves or channels to receive the clothes pins, as the lines are shifted around the pulleys. It will be understood that there is a separate endless line 19 engaged with each pair of pulleys on the opposite racks 1 and 2 and that said lines are moved independently by hand to bring any portion of the same opposite to the point where the clothes are to be applied thereto, thus enabling the person hanging the clothes to remain in one position at either end of the line.

The rack 2 is suitably connected to an endless cable 20 by means of which it may be carried from the support to which the rack 1 is secured to the bracket 13 and brought into position to permit the hook-shaped attaching members 15 to engage the slots 14 in the bracket 13 thereby securing the rack in operative position. When it is desired to bring the rack together with the clothes lines back to the opposite support, the supporting cable 20 is moved in the opposite direction, thus providing for the moving of the rack 2 and the clothes lines to a point where they may be covered and protected from the weather. In order to prevent the ends of the clothes lines from be-

coming disengaged from the grooved pulleys 17 on the rack 2, I preferably provide a series of light spring supports 21 adjacent to the rear side of the pulleys and adapted to
5 be engaged by the clothes lines and to hold the same in engagement with the pulleys, while the rack is being moved back and forth, as hereinbefore described.

From the foregoing description, taken in
10 connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

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

20 Having thus described my invention, what I claim is:

1. In a clothes line support, an adjustable rack, means to secure said rack in place, a
25 movable rack, a support for said rack, means to detachably secure said rack to said support, means whereby said rack is carried to and from said support, a series of line supporting pulleys revolubly mounted on said racks, a grooved elastic covering arranged
30 around the pulleys on one of said racks, a series of endless clothes lines engaged with

said pulleys, and means to prevent disengagement of the lines from the pulleys when said movable rack is being carried to and
35 from its support.

2. In a clothes line support, an adjustable supporting rack, guide rods to support said rack, an adjusting bolt to secure the same in adjusted positions on said rods, a series of bearing fingers formed on said rack, 40 line supporting pulleys revolubly mounted on said fingers, a movable pulley supporting rack, a slotted support for said rack, an endless cable secured to the latter whereby the same may be moved to and 45 from said support, hooks arranged on said rack and adapted to be engaged with the slots in said support to hold the rack in operative position, a series of pulley supporting fingers formed on said rack, line sup- 50 porting pulleys revolubly mounted on said fingers, and a series of endless clothes lines arranged on the supporting pulleys of said racks.

In testimony whereof I have hereunto set 55 my hand in presence of two subscribing witnesses.

JURGEN SIEMSEN.

Witnesses:

L. H. SMITH,
J. A. WALLACE.