

W. FREEMAN.
GARMENT SUPPORT FOR WARDROBES.
APPLICATION FILED APR. 21, 1908.

915,340.

Patented Mar. 16, 1909.
2 SHEETS—SHEET 1.

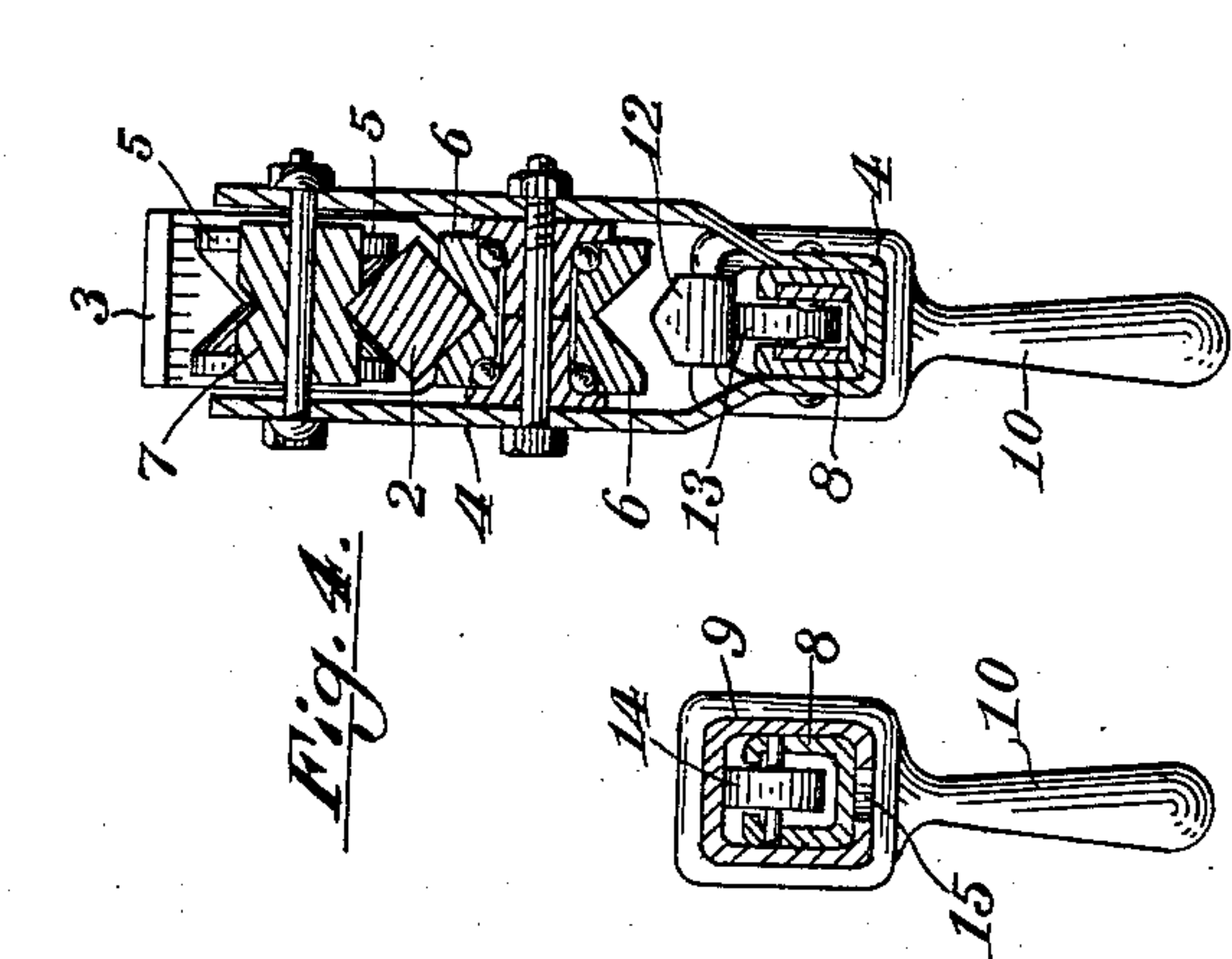


Fig. 4.

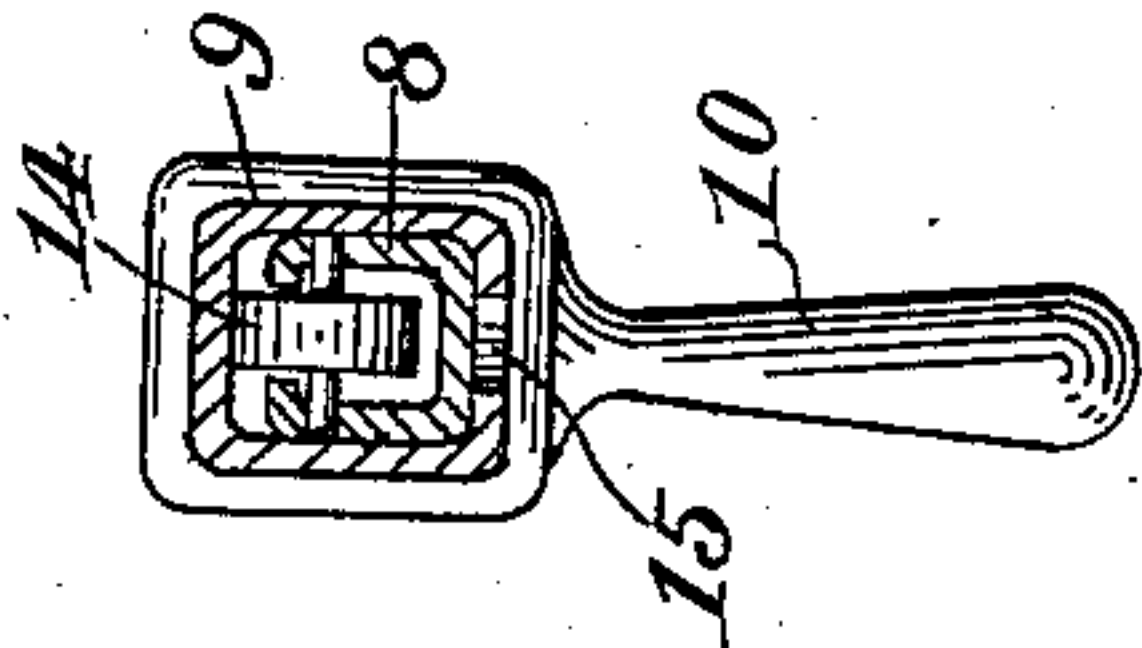


Fig. 5.

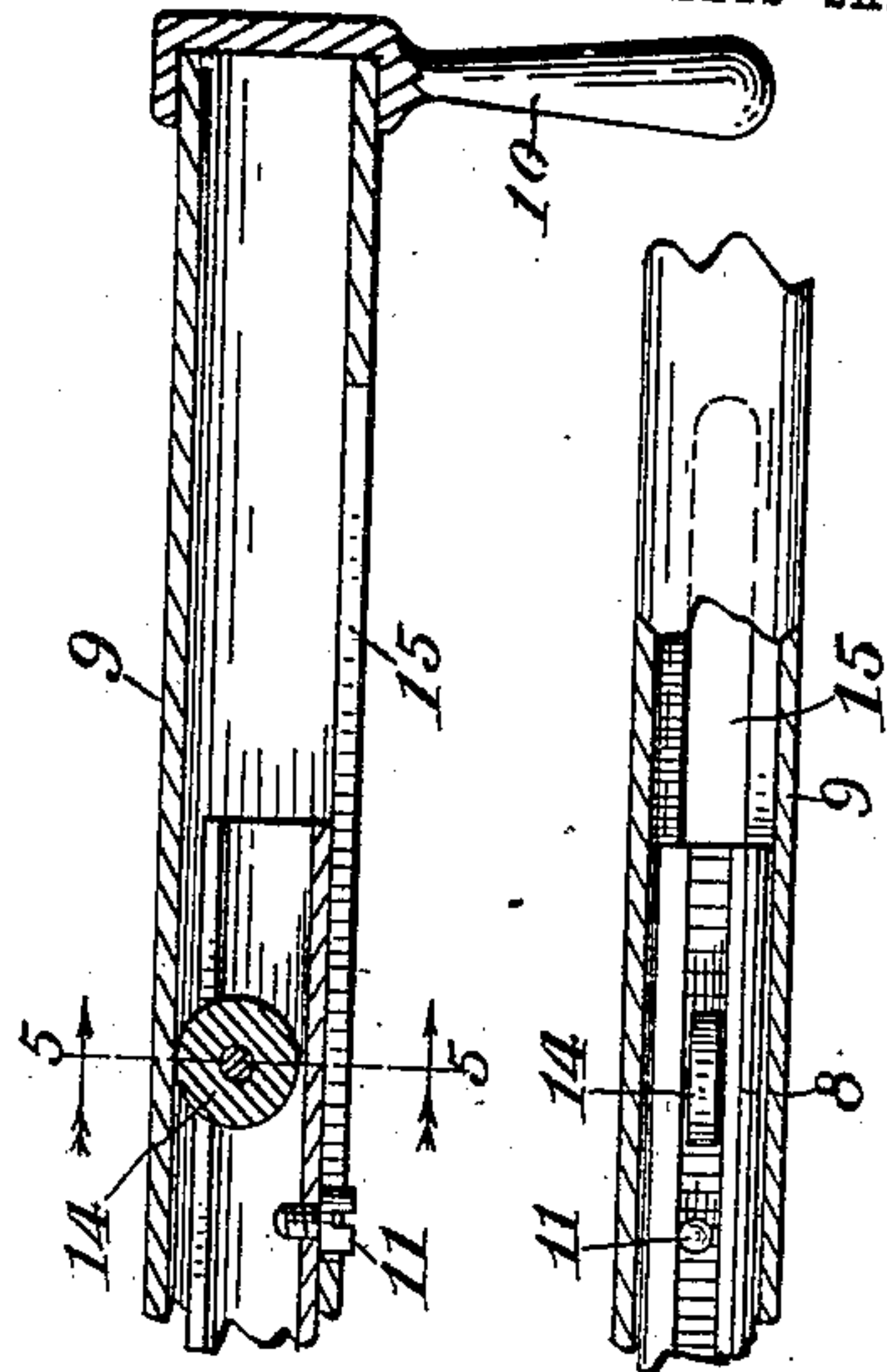


Fig. 3.

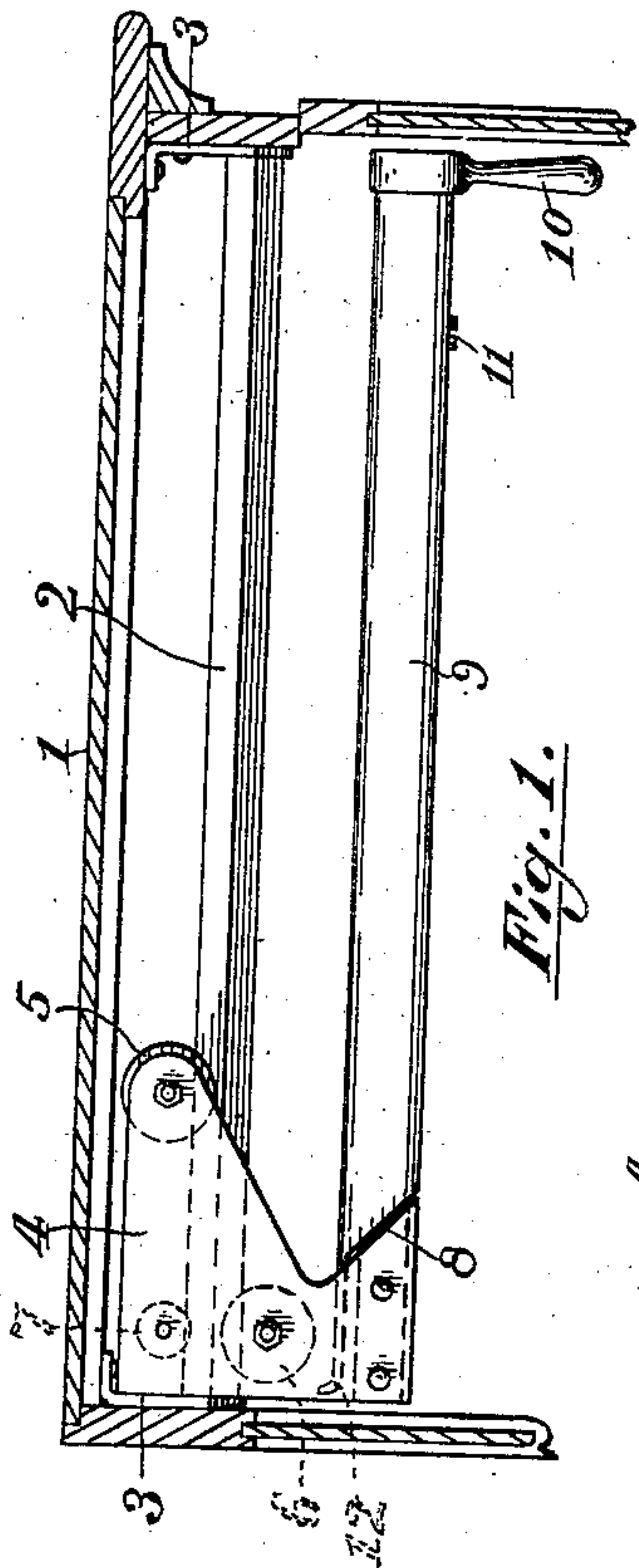


Fig. 1.

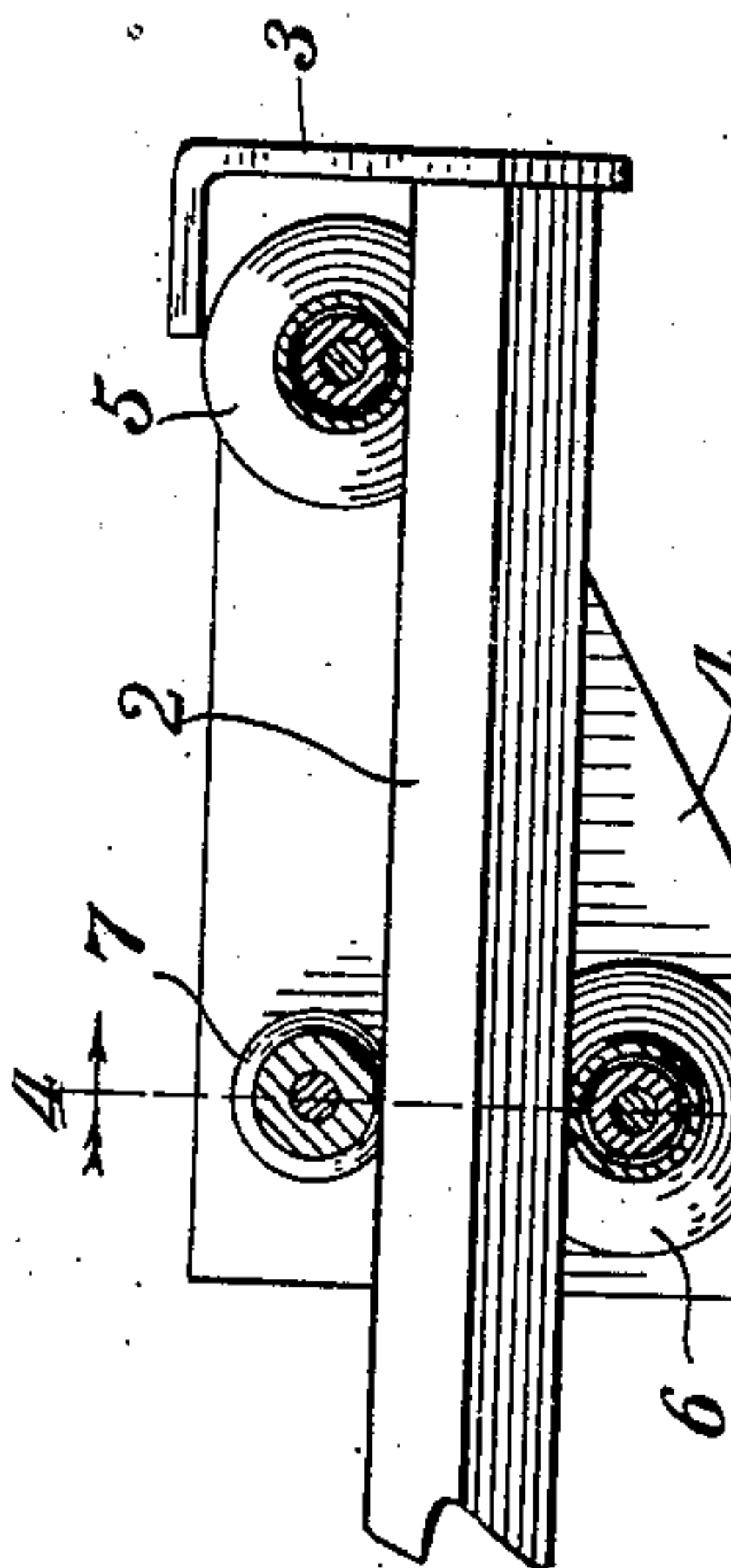
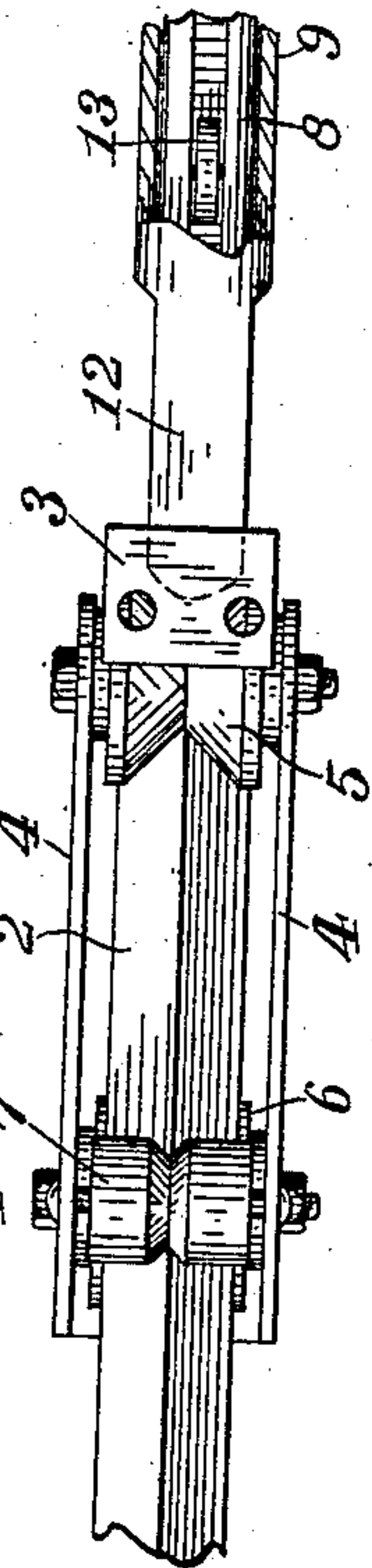


Fig. 2.



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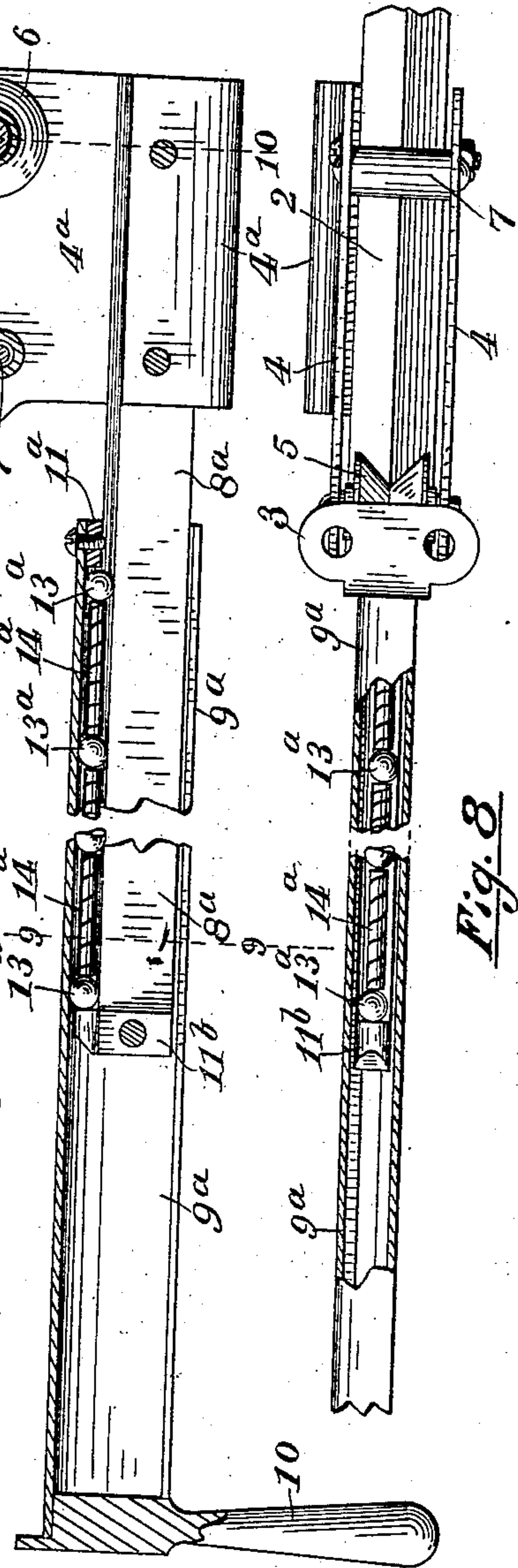
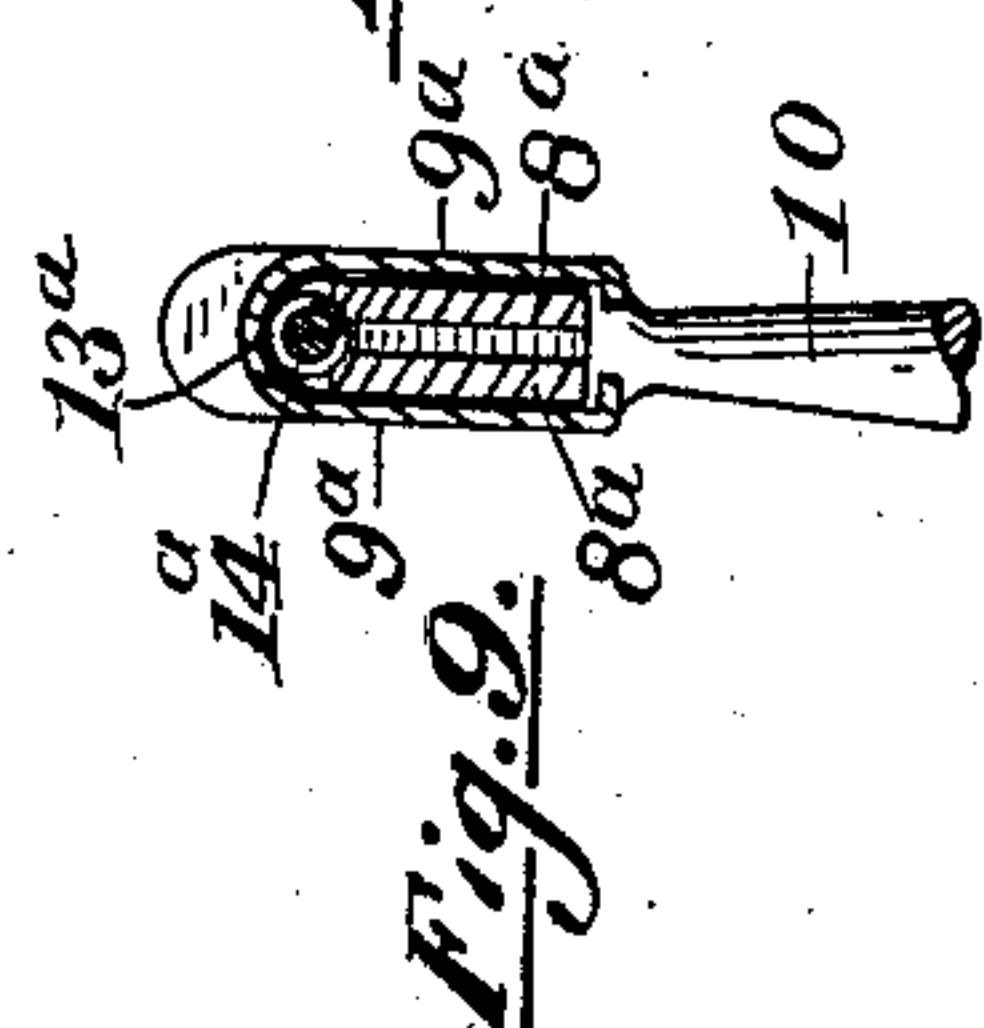
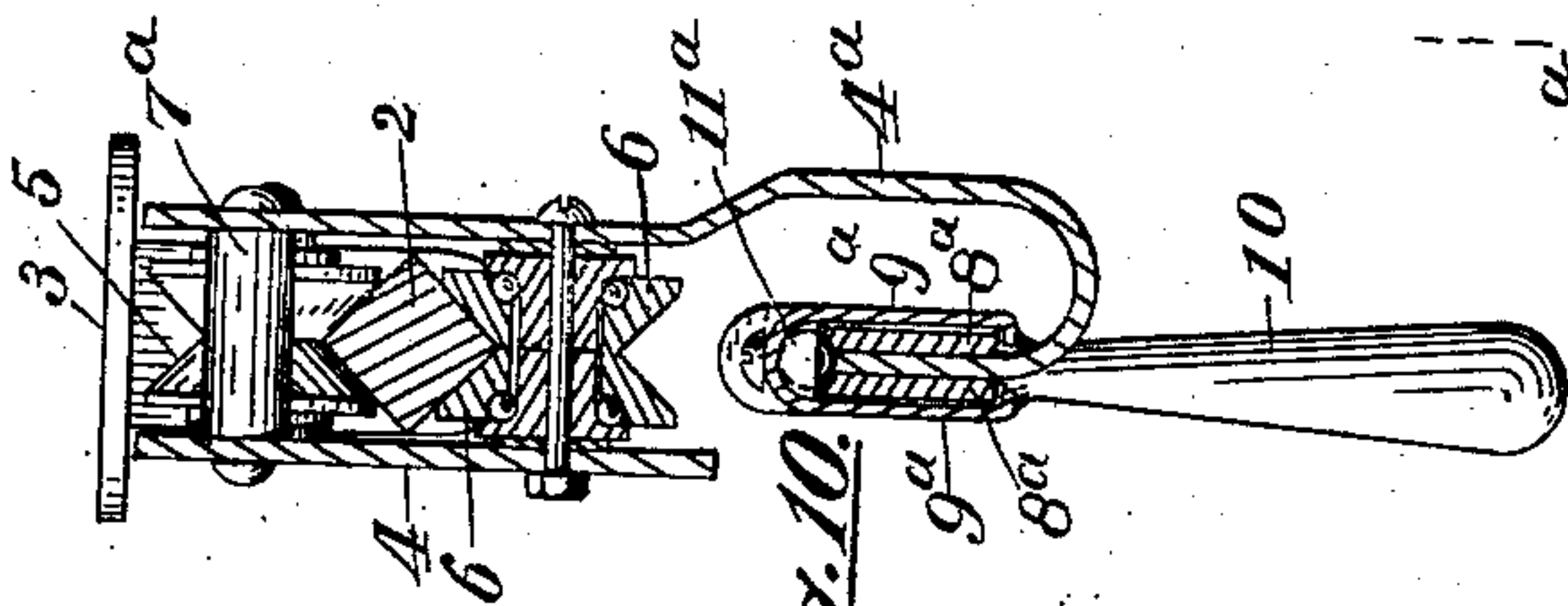
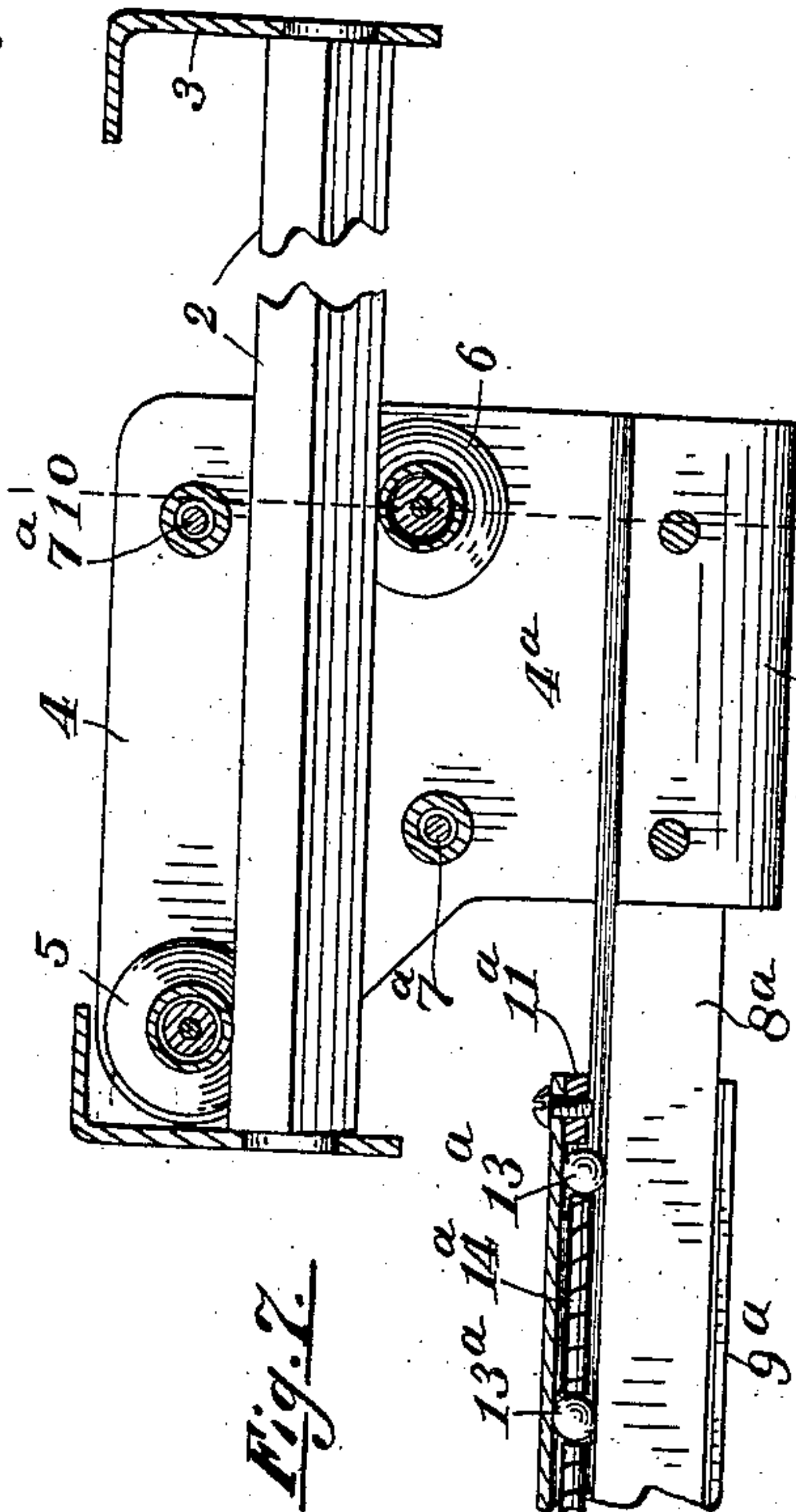
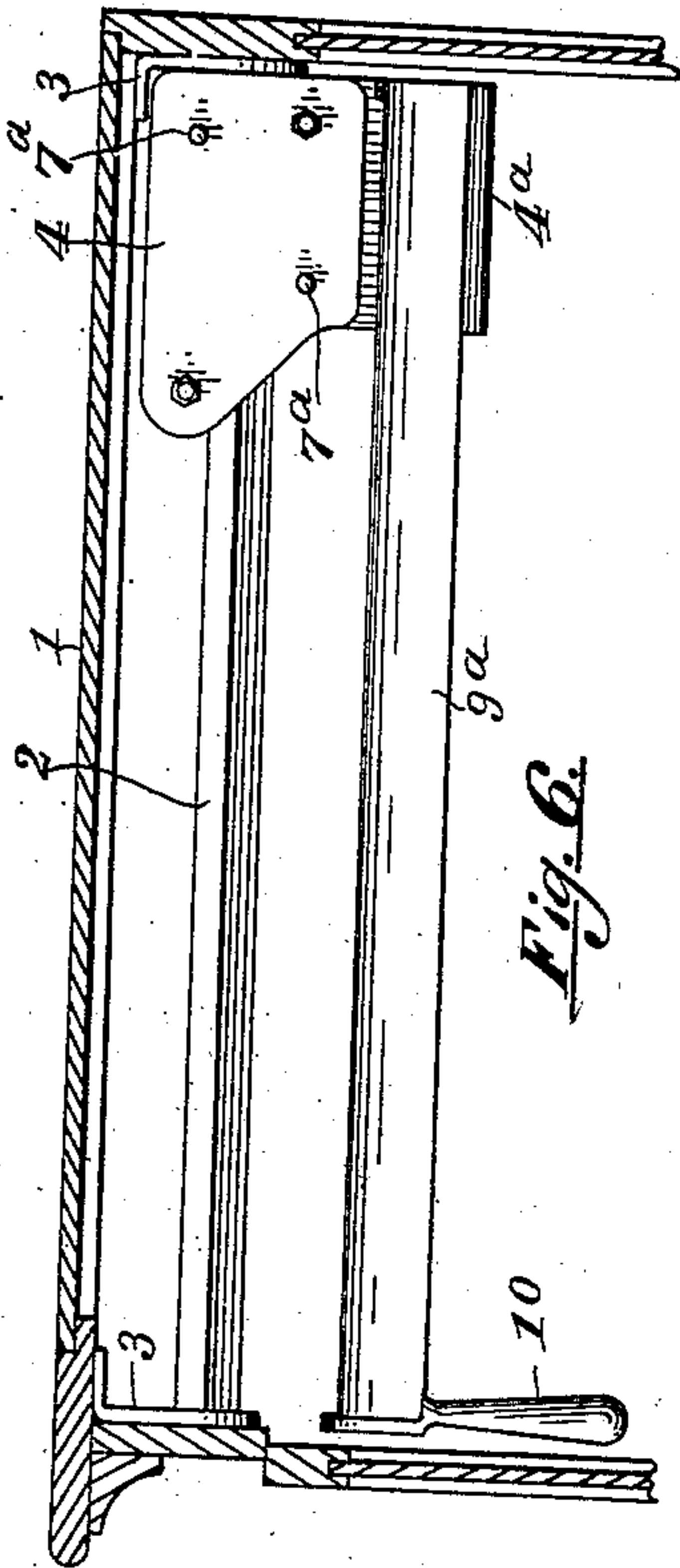
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UNITED STATES PATENT OFFICE.

WILLIAM FREEMAN, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO GRAND RAPIDS SHOW CASE CO., OF GRAND RAPIDS, MICHIGAN, A CORPORATION OF MICHIGAN.

GARMENT-SUPPORT FOR WARDROBES.

No. 915,340.

Specification of Letters Patent.

Patented March 16, 1909.

Application filed April 21, 1908. Serial No. 428,336.

To all whom it may concern:

Be it known that I, WILLIAM FREEMAN, a citizen of the United States of America, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Garment-Supports for Wardrobes; and I do hereby 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.

My invention relates to improvements in garment supports for wardrobes and its object is to provide a simple, strong and easily operated extensible support, and to provide the device with various new and useful features hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawings, in which:

Figure 1. is a side elevation of a device embodying my invention; Fig. 2. the same enlarged and extended, with parts broken away; Fig. 3. a plan view of portions of the same; Fig. 4. a transverse vertical section on the line 4—4 of Fig. 2.; Fig. 5. the same on the line 5—5 of Fig. 2; Fig. 6. a side elevation of a modification; Fig. 7. the same enlarged and extended with parts broken away; Fig. 8. a plan view of portions of the same; Fig. 9. a transverse vertical section on the line 9—9 of Fig. 7; and, Fig. 10 the same on the line 10—10 of Fig. 7.

Like numbers refer to like parts in all of the figures.

1 represents the upper part of the wardrobe case in which is fixed a horizontally disposed bar 2 angular in cross section, and preferably having two of its opposite angles arranged in the same vertical plane. This bar is preferably secured in place by end plates 3 each attached to the bar and wardrobe; 4 represents a yoke formed of sheet metal folded to embrace the bar and forwardly extended at each side of the bar at its upper part and provided with a grooved roller 5 at its forward end to engage the upper side of the bar, and a similar grooved roller 6 at its rear to engage the lower side of said bar. A smaller grooved roller 7 is also located above the grooved roller 6 to hold the yoke from swinging downward at the rear. Rigidly attached to this yoke and extending horizontally below the bar 2, and

also spaced apart therefrom, is an arm 8 of substantially the same length as the bar. The lower part of this slide is reduced in width above the arm at the front to permit the upper side of a tube 9 to extend to near the rear end of the arm, which tube incloses the arm 8 and telescopes thereon. This tube is also carried upon rollers 13 and 14 mounted in the arm and within the tube. To limit the outward movement of the tube on the arm, a stop consisting of a screw 11 is inserted in the under side of the arm near its outer end, which stop traverses a slot 15 in the under side of the tube 9. This tube at its rear end has an upper extension 12 with an upturned rear end to prevent the garment hangers (not shown) from slipping off the rear of the same, which extension runs within the yoke 4 and beneath the roller 6. A handle 10 is attached to the outer end of the tube 9 whereby the same can be manually moved upon the supporting arm 8.

The angular form of the bar 2 with its upper and lower angles engaging the respective rollers 5 and 6 effectually prevents lateral swinging of the yoke upon the bar. When drawn outward, the arm 8 projects outside the case, except an amount at the rear corresponding to the length of the yoke and the garment supporting tube 9 moves outward on the arm enough to bring said tube wholly outside the case. The rollers 5 and 6 being spaced apart along the bar 1 form a strong and movable support for the projecting arm, which in turn is only partially withdrawn from the tube 9 and thus effectually supports the same. The construction is such that it is strong, and at the same time has but few parts and effective roller bearings whereby it is easily operated when loaded. This device is also very compact and occupies but little vertical space in the wardrobe.

In the modification shown in Figs. 6 to 10 inclusive, I provide for carrying the garment hangers, wholly beneath the bracket; provide ball bearings instead of rollers for the outer tube; and also modify the construction of the arm and tube for various purposes. The hanger 4 at one side only is provided with a downwardly extended lower portion 4^a, which is spaced apart from the rear end of the arm 8^a and extending below the same is curved upward and between the bars forming the arm, and secured thereto by rivets or

bolts. The arm 8^a consists of a pair of flat bars arranged in parallel planes and spaced apart to receive this extension at one end and at the other end to receive a stop 11^b extending upward to engage the outer ball 13^a. The tube 9^a has a slot in the bottom rear portion thereof to receive the extension 4^a whereby the tube will run back to the extreme rear end of the bracket and garment hanger hooks can engage the same opposite said extensions and throughout the entire length of said tube. Carried on the bars forming the arm 8^a are balls 13^a spaced apart by pins 14^a provided with spiral grooves whereby oil for lubricating the balls will pass along the same. A stop 11^a in the rear end of the tube engages the rear ball. The stops 11^a and 11^b thus limit the outward movement of the tube on the arm and retain the balls and pins between the tube and arm. Only one side of the yoke 4 has the extension 4^a and the opposite sides of the yoke are connected by rivets 7^a and spaced apart by tubes surrounding the rivets.

What I claim is:

1. A garment support comprising a bar adapted to be fixed in a wardrobe, a yoke embracing the bar, rollers journaled in the yoke and traversing the bar, an arm fixed in the lower part of the yoke and spaced apart from the bar, a tube slidable on the arm, and a rear extension on the tube having an upturned end adapted to pass within the yoke.
2. A garment support comprising a bar adapted to be fixed in a wardrobe, a yoke embracing the bar, rollers journaled in the yoke and traversing the bar, an arm fixed in the lower part of the yoke and spaced apart from the bar, a tube surrounding the arm and slidable thereon, an extension on the rear of the tube adapted to pass within the yoke and having an upturned end, a slot in the tube and a stop in the arm traversing the slot.
3. A garment support for wardrobes, comprising a bar adapted to be fixed in a wardrobe, a yoke traversing the bar, an arm below the yoke and projecting forward therefrom, an extension on the yoke, spaced apart from the arm, extending below the same, and thence upward, and having its upturned end supporting the bar, and a garment supporting member movable longitudinally on the arm and extending opposite the extension of the yoke.

4. A garment support for wardrobes, comprising a bar adapted to be fixed in a wardrobe, a yoke traversing the bar, a downward extension on one side of the yoke and having its end turned upward beneath the bar, parallel flat bars secured to the said upturned end and projecting forward therefrom, a stop between the outer ends of the bars and projecting upward, a tube supported on the bars and having a stop and a slot in its rear end, and balls between the upper edges of the bars and the tube.

5. A garment support for wardrobes, comprising a bar adapted to be fixed in a wardrobe and having opposing upper and lower angles, grooved rollers spaced apart longitudinally of the bar and engaging the respective angles thereof, a yoke carried by said rollers and having a downward extension at one side provided with an upturned end, parallel flat bars embracing said upturned end and attached thereto and also projecting forward therefrom, a stop between the outer ends of said bars and projecting upward therefrom, a tube longitudinally movable on the bars and having a slot in its lower side to receive the upturned end of the extension, a stop in the rear end of the tube, a series of balls between the tube and said bars, and spacing pins between the balls.

6. A garment hanger for wardrobes comprising a bar rectangular in cross section and having two of its angles vertically disposed, grooved rollers traversing said bar, a yoke supported by said rollers and having its sides spaced apart by tubes and connected by bolts extending through the tubes, a downward extension on one side of the yoke and having an upwardly turned end, a pair of parallel flat bars embracing said end and secured thereto and also projecting forward therefrom, a stop secured between the forward ends of said bars and projecting upward, a flattened tube surrounding said arms and having a slot in its lower edge to receive the extension of the yoke, a stop in the inner end of said tube, a series of balls between the tube and bars, spacing rods between the balls and a handle on the outer end of the tube.

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

WILLIAM FREEMAN.

Witnesses:

GEORGIANA CHACE,
LUTHER V. MOULTON.