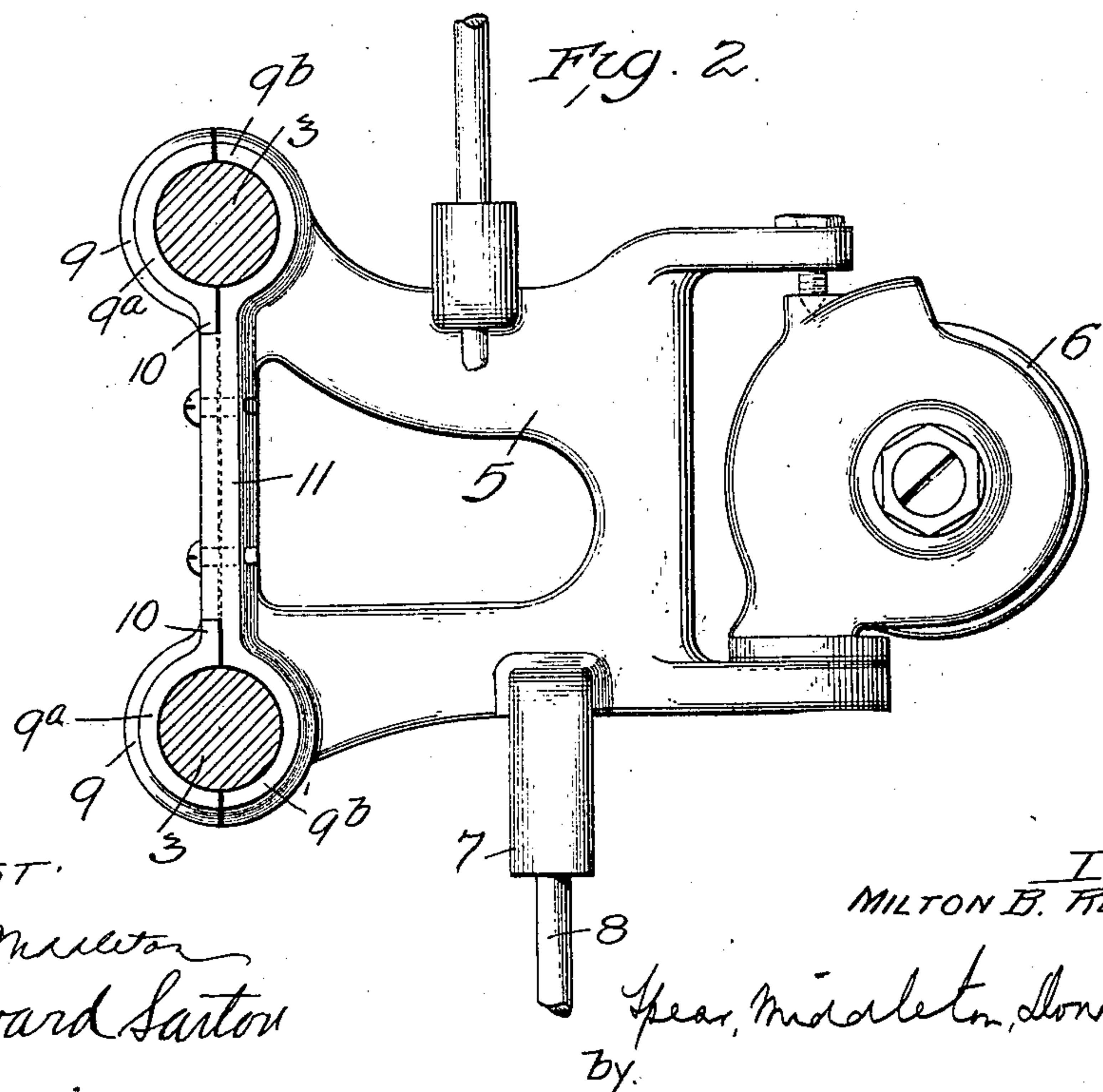
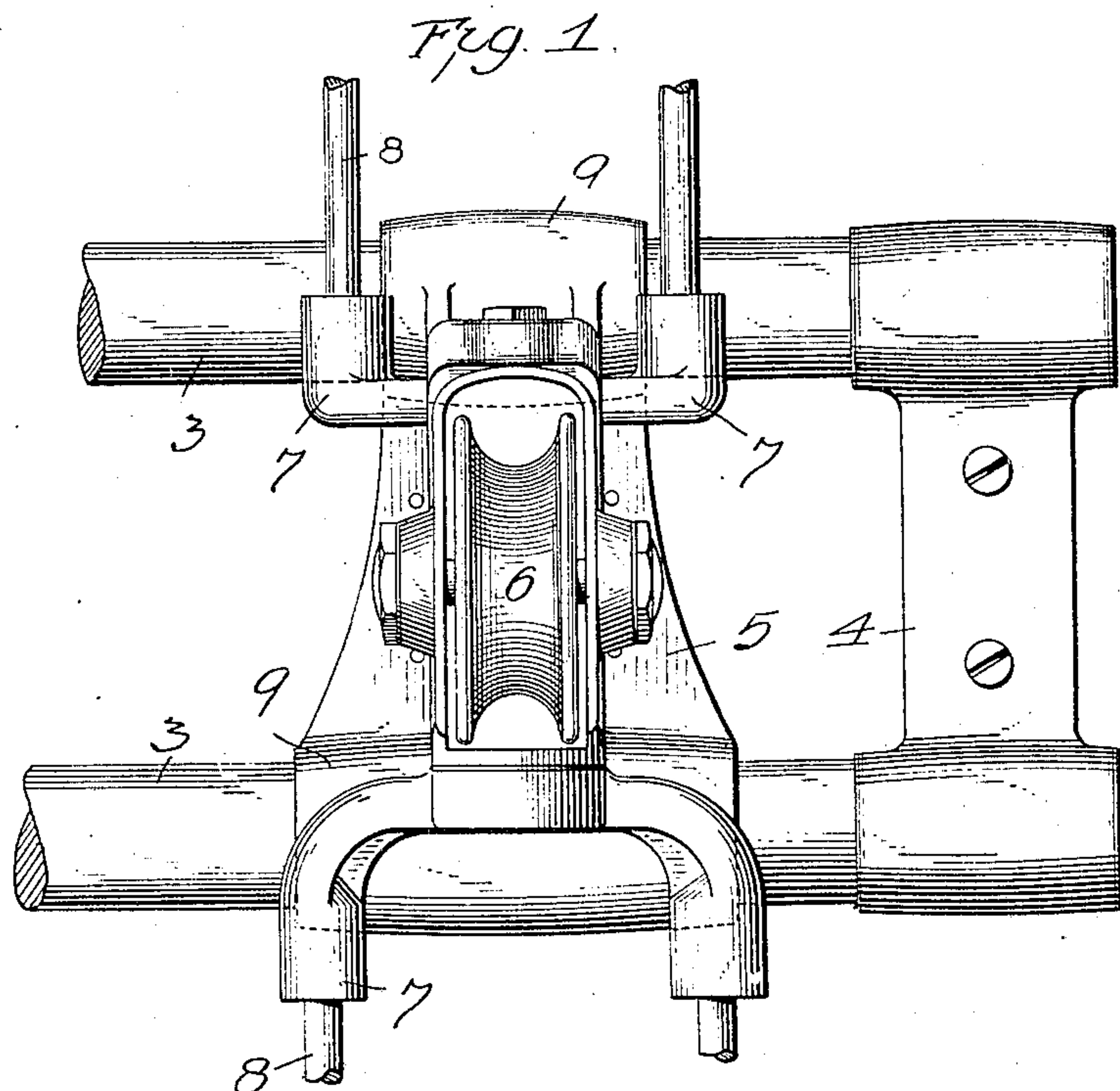


No. 784,278.

PATENTED MAR. 7, 1905.

M. B. REACH.
CHEST WEIGHT APPARATUS.
APPLICATION FILED JULY 23, 1904.

2 SHEETS—SHEET 1.



ATTEST.

C. J. Mullett
Edward Sartou

INVENTOR.
MILTON B. REACH.

Spear, Mullett, Donaldson & Spear
by.

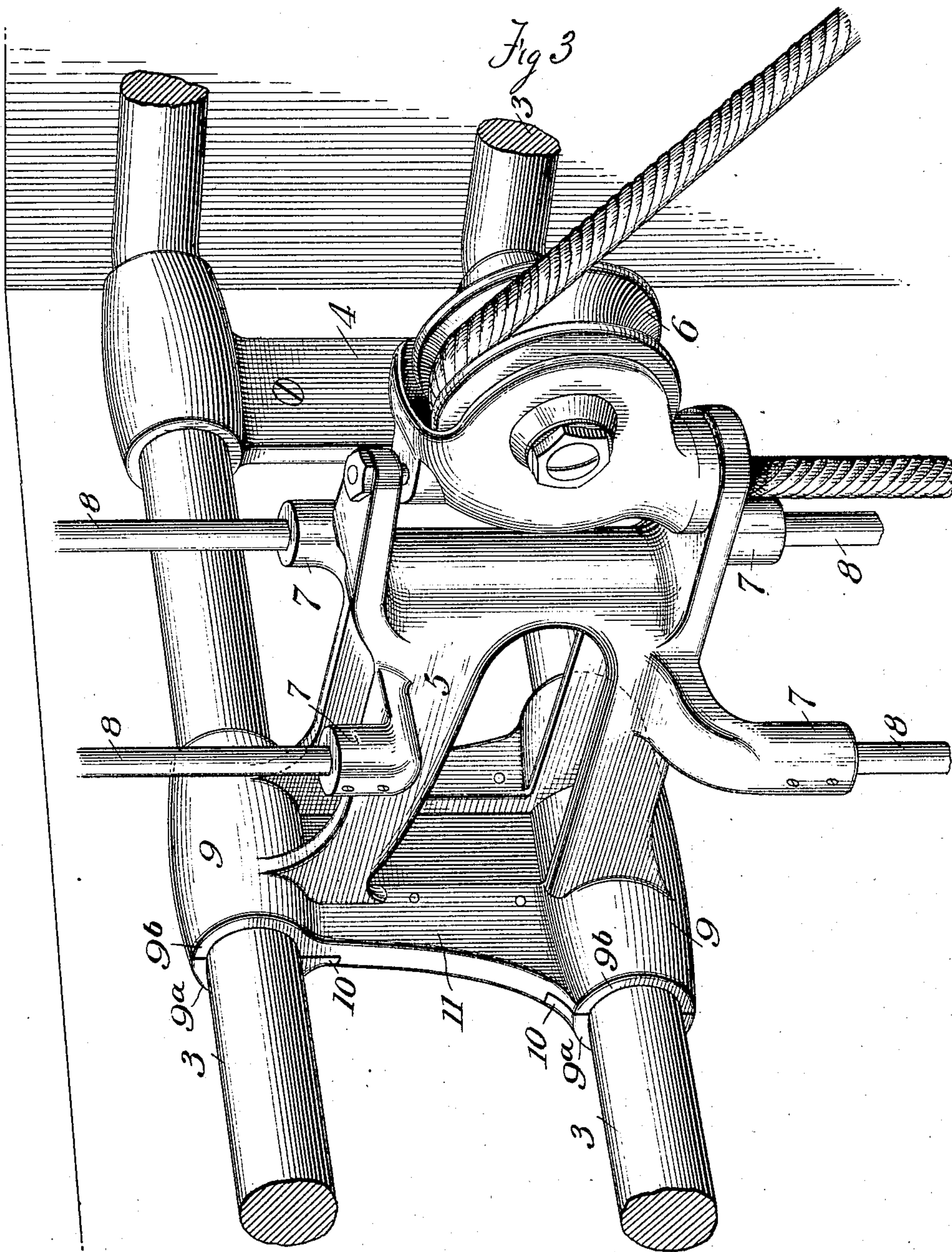
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2 SHEETS—SHEET 2.



Witnesses:

Edward L. Reed,
Edward Sinton

Inventor:

Milton B. Reach.

by
Spear Middleton Donaldson & Spear

Att'ys.

UNITED STATES PATENT OFFICE.

MILTON BENJAMIN REACH, OF CHICOPEE FALLS, MASSACHUSETTS, ASSIGNOR TO SPALDING MANUFACTURING CO., OF CHICOPEE FALLS, MASSACHUSETTS.

CHEST-WEIGHT APPARATUS.

SPECIFICATION forming part of Letters Patent No. 784,278, dated March 7, 1905.

Application filed July 23, 1904. Serial No. 217,822.

To all whom it may concern:

Be it known that I, MILTON BENJAMIN REACH, a citizen of the United States, residing at Chicopee Falls, Massachusetts, have invented certain new and useful Improvements in Chest-Weight Apparatus, of which the following is a specification.

The present invention relates to wall exercising apparatus or chest-machines; and the object of the invention is to provide simple and effective supporting means by which the apparatus may be quickly set up in proper position without the necessity of screwing or nailing it to the wall or paneling of the gymnasium and without the troublesome operation of blocking out to secure the parts in proper vertical position.

Another object is to provide a construction which enables the apparatus to be quickly shifted to any other position should occasion arise.

With these and other objects in view the invention comprises a supporting rail or rails designed to be secured in suitable position in a gymnasium and a wall apparatus constructed and adapted to be detachably connected to said rail.

The invention further includes the construction and arrangement of parts hereinafter described, and particularly distinguished by the appended claims.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation, and Fig. 2 a side elevation with the supporting-rails in section: Fig. 3 is a perspective view of the device attached to the wall of the room.

While in the figures two supporting-rails are shown of tubular form, it will be understood that these are simply representative of any desired number and any convenient shape.

The rails are indicated by the numeral 3 held parallel to each other and supported from the wall of the gymnasium by suitable brackets 4, secured at convenient intervals and at the desired height. The rails may extend along

a portion of or the entire side of the room or around as many of the sides as may be found desirable.

The numeral 5 indicates the bracket of the wall apparatus or chest-machine carrying the usual pulley 6 and sockets 7 for the guide-rods 8. At its rear side it is provided with socket portions 9, corresponding in number and cross-section to the number and cross-section of the rails. These socket portions are split to provide removable clamping-sections 9^a. Where two supporting-rails are used, a convenient and effective construction is to form the sections 9^a integral with a connecting-web 10, which is secured by bolts or screws to the web 11, which connects the integral socket-sections 9^b.

Such a construction as that above described enables the chest-machine to be quickly and securely set up in any desired position or to be easily shifted from one position to another. It increases the capacity of the gymnasium-room. Ofttimes the available wall-space is so limited, being cut into by windows, &c., as to prevent installation of the number of machines the work demands. The rails extend across the window or other openings, and the apparatus may be located at any desired points and not confined to positions between the window-openings.

The invention avoids all necessity of defacing or injuring the walls and renders unnecessary any blocking out of the parts to secure a vertical position, such blocking out being necessary with ordinary constructions, owing to the frequent presence of base-boards or the like.

Having thus described the invention, what I claim as new is—

1. In apparatus of the class described, a supporting-rail extending along the wall of the room, a bracket supported and arranged to slide thereon, a pulley carried by the bracket and an exercising means associated with the said pulley, substantially as described.

2. In chest apparatus, the combination of

a horizontal supporting-rail extending along the wall of the building, a pulley, guide-rods and a bracket carrying the said pulley and guide-rods and adjustable along the rail where-
 5 by the chest apparatus may be set in different positions on the rail, substantially as described.

3. In combination a horizontal supporting-rail extending along the wall of the room, a
 10 pulley-carrying bracket, means for detachably connecting said bracket to said rail and a rope associated with the said pulley, substantially as described.

4. In combination, a pair of horizontal sup-
 15 porting-rails and a pulley-carrying bracket having socket portions engaging said rails, said socket portions having connected removable sides, substantially as described.

5. An exercising apparatus comprising a
 20 horizontal rail, a bracket adjustable thereon, a pulley supported on the bracket and means associated with the pulley and extending ver-

tically in relation thereto, substantially as described.

6. In gymnasium apparatus, a pair of par- 25
 allel bars arranged one above the other, a bracket supported on said pair of bars adjustably, a pulley on the bracket and exercising means associated with the said pulley, sub-
 30 stantially as described.

7. In combination, one or more laterally-ex-
 tending rails with means for supporting the same, a pulley-carrying bracket attached to the rail or rails, a rope running over the pul-
 35 ley and adapted to suspend a weight-carriage and vertical rods for guiding the said weight-carriage, substantially as described.

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

MILTON BENJAMIN REACH.

Witnesses:

F. C. BREAKSPEAR,
 HORACE BROWN.