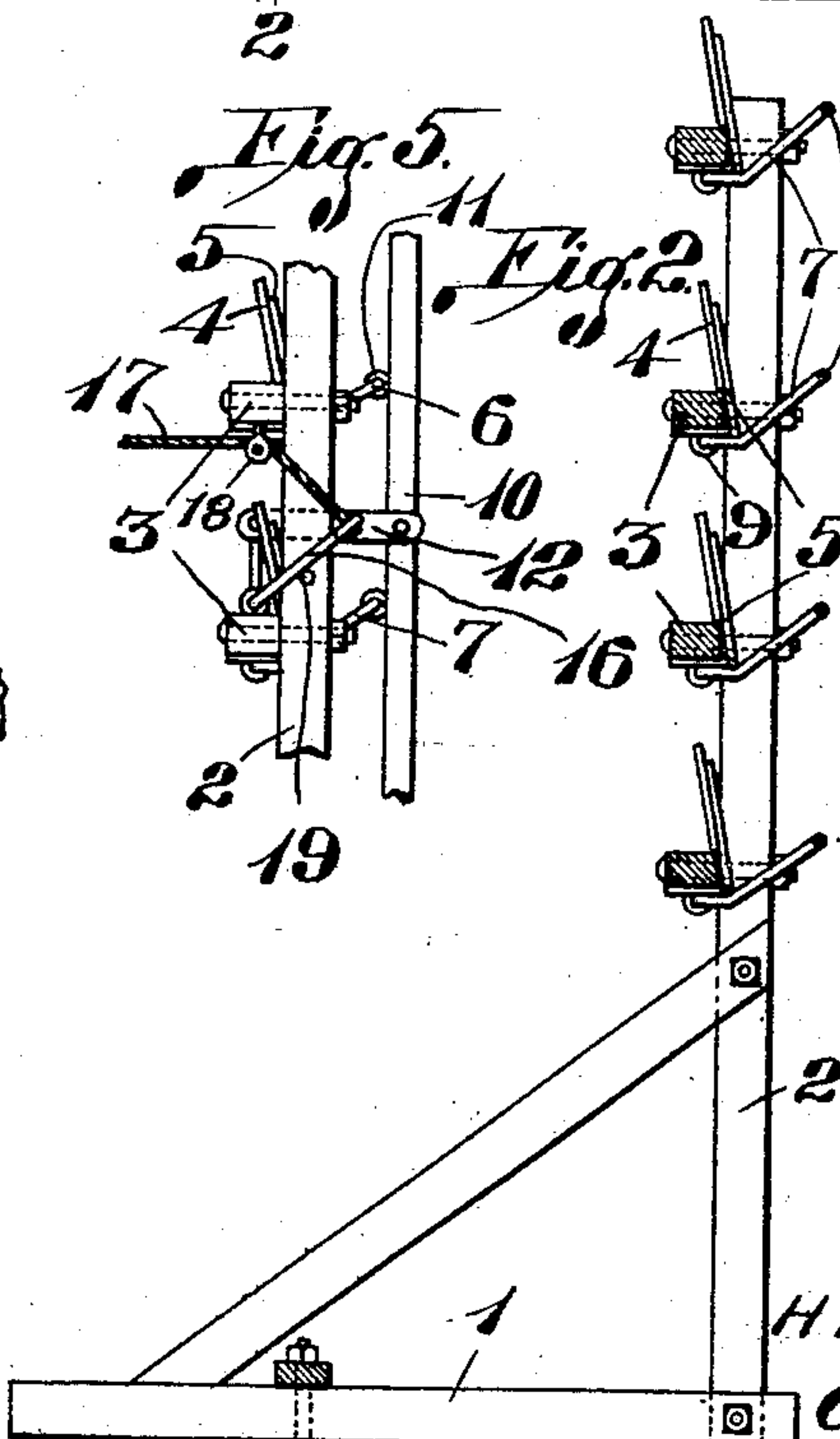
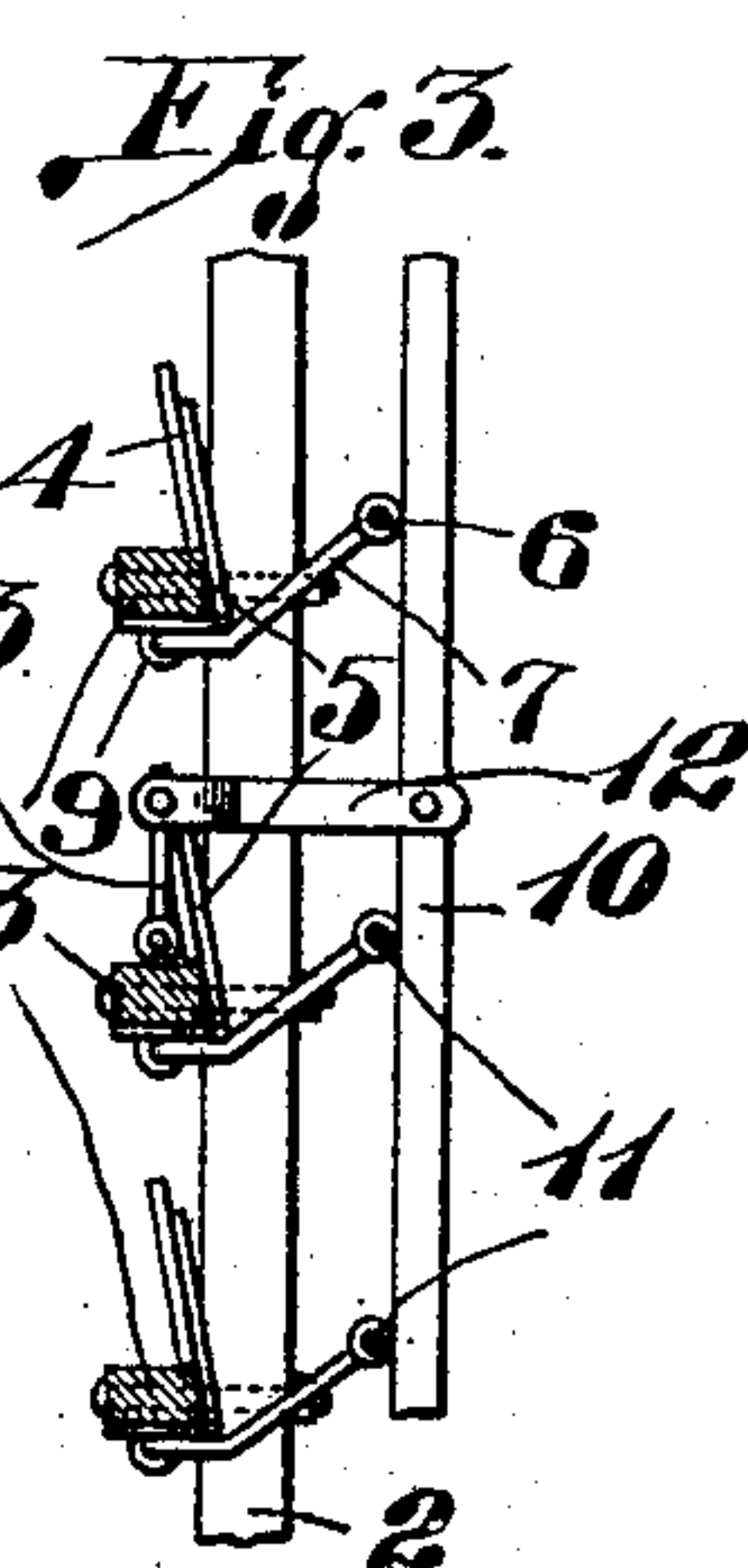
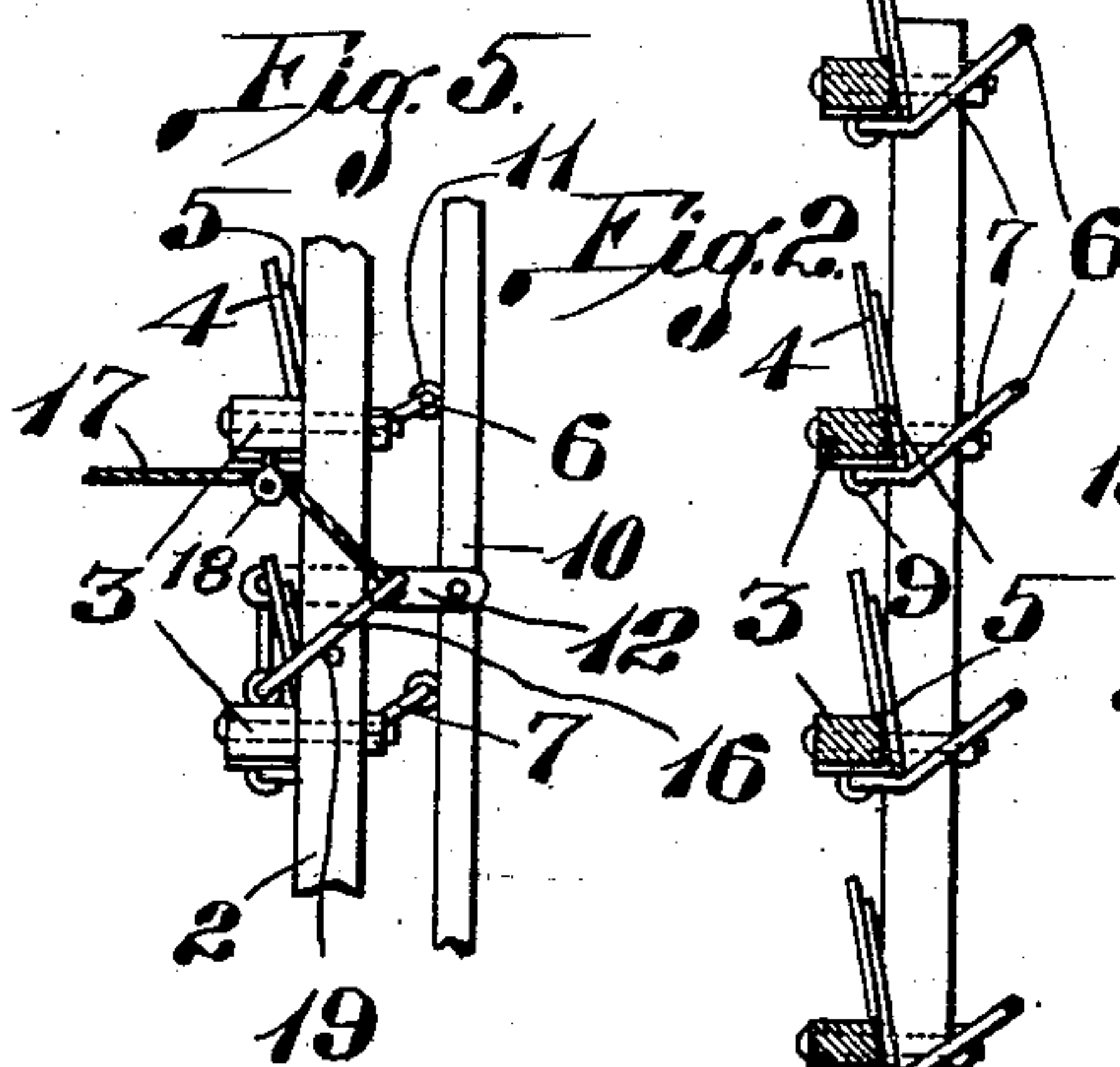
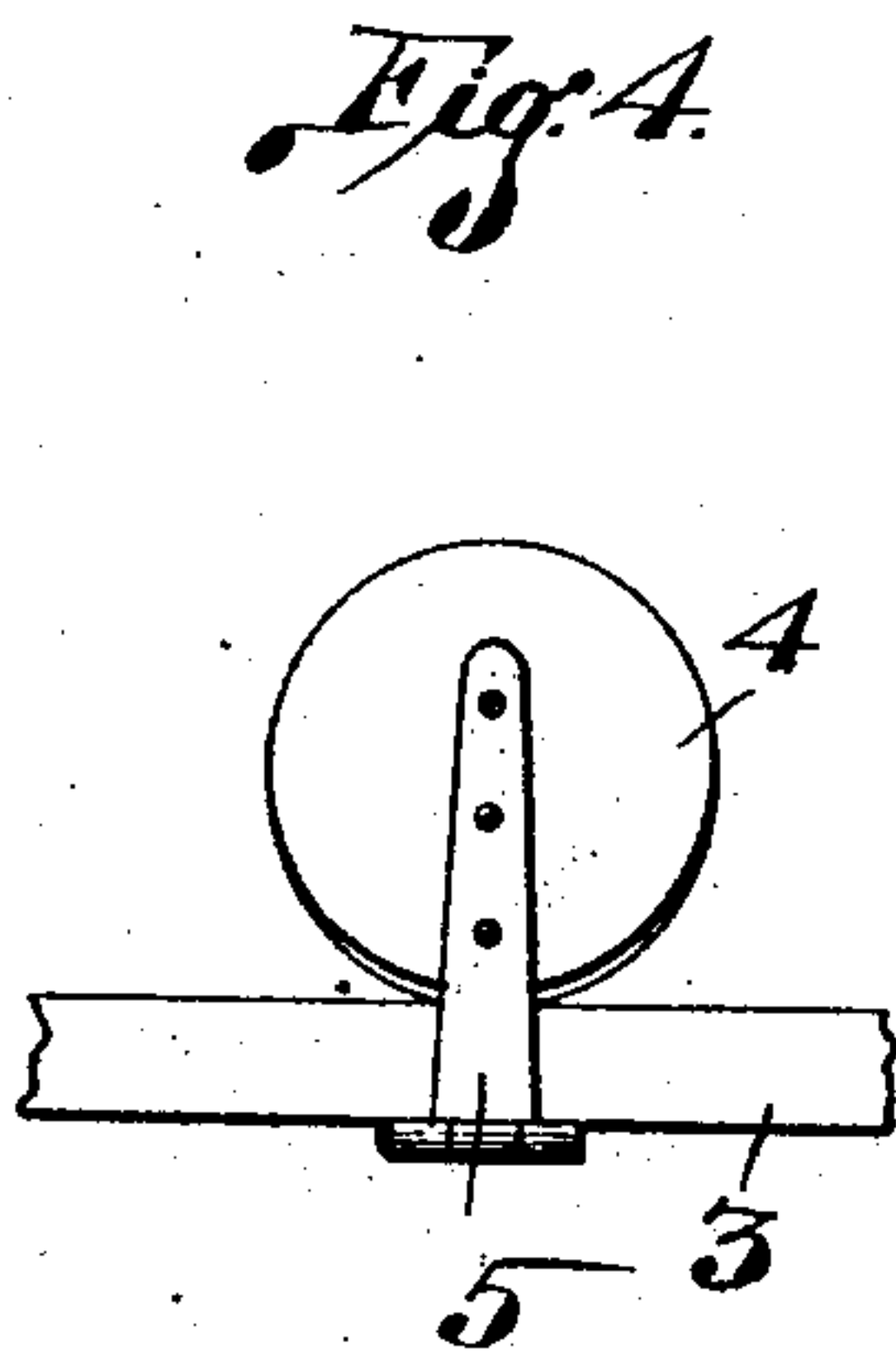
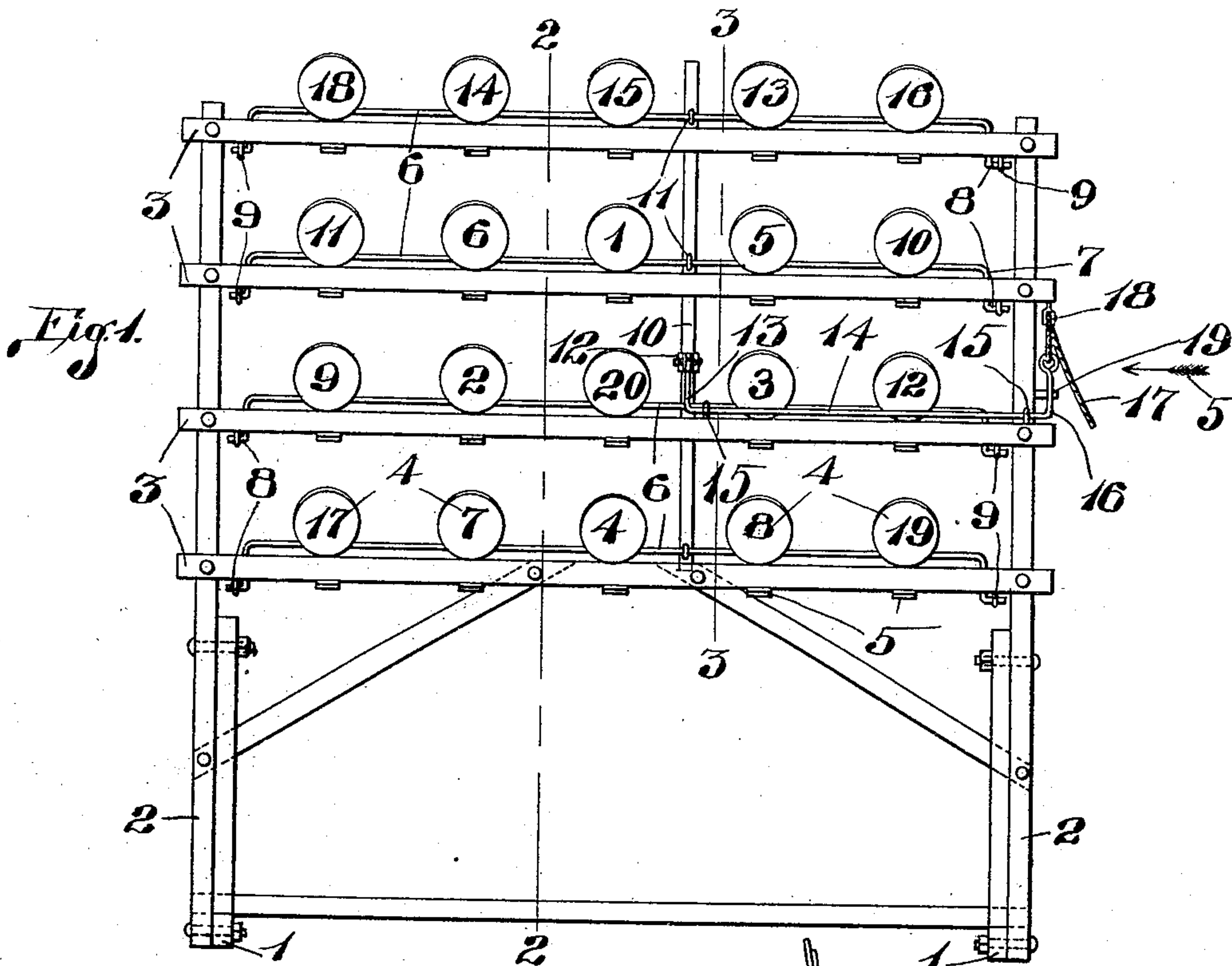


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AMUSEMENT DEVICE.

APPLICATION FILED JUNE 7, 1907.

910,608.

Patented Jan. 26, 1909.



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AMUSEMENT DEVICE.

No. 910,608.

Specification of Letters Patent.

Patented Jan. 26, 1909.

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To all whom it may concern:

Be it known that we, H ALBERT THOMPSON and CHARLES E. SARGENT, citizens of the United States, and residents of St. Louis, Missouri, have invented certain new and useful Improvements in Amusement Devices, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

Our invention relates to an amusement device, and the object of our invention is to provide a simple, inexpensive device wherein a number of objects forming targets are hinged to a frame, and which targets are numbered, in order that scores can be kept of the games played by means of the device; and said device being equipped with means whereby the targets are elevated after having been struck.

To the above purposes, our invention consists in certain novel features of construction and arrangement of parts, which will be hereinafter more fully set forth, pointed out in the claims, and illustrated in the accompanying drawings, in which:—

Figure 1 is a front elevation of the complete device in position for use; Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1; Fig. 3 is a detail section taken on the line 3—3 of Fig. 1; Fig. 4 is a rear elevation of one of the targets; Fig. 5 is an elevation of the parts seen when looking in the direction indicated by the arrow 5, Fig. 1.

Referring by numerals to the accompanying drawings:— 1—1 designate a pair of base timbers which are intended to lie directly upon the ground or floor, and to which are framed the lower ends of a pair of uprights 2; and arranged on the front side of these uprights is a series of horizontally disposed parallel rails 3.

4 designates the targets made use of in the device, which are preferably disks of metal, and which are connected to the rails 3 by means of hinges 5, so arranged as that said targets normally appear immediately above each of the rails, and the hinges being so arranged as that said targets, when struck, will swing downward to the rear.

The front faces of these targets may be similarly or differently colored, and they may be numbered, either consecutively or irregularly.

The frames, which are arranged behind

each rail 3, and are utilized for simultaneously elevating whatever targets may have been knocked down, comprise horizontally disposed rods 6, of wire, or analogous material, which lie immediately to the rear of the rails 3; and the ends of said rods being bent downwardly and inwardly, as designated by 7, to points immediately beneath the ends of the rails 3; and the ends of the portions 7 being bent outwardly, as designated by 8, which last mentioned ends are journaled in bearings 9 fixed to the under sides of the ends of the rails 3.

A vertically disposed bar 10 passes behind all of the frames 6 and is connected thereto by means of bearings 11; and connected to the center of said bar and extending forwardly therefrom is a link 12, to the forward end of which is pivotally connected the vertically disposed left hand end 13 of a wire rod 14, which extends along the top of one of the rails 3, and being arranged to rock in bearings 15.

The right hand end 16 of this rod 14 extends upwardly and rearwardly, and connected thereto is the rear end of a cord 17 which passes over the pulley 18 secured to the right hand end of the rail 3, immediately above the rail on which the rod 14 is mounted.

When in normal position or at rest, the right hand end 16 of the rod 14 rests against the stop 19 formed by a pin seated in the right hand one of the uprights 2.

An amusement device constructed in accordance with the foregoing description is intended to be used in connection with bows and arrows, although various projectiles may be employed.

The device so constructed is set up in a convenient place, and the players in turn endeavor to knock the targets down, and, when one of the targets is struck, it will be swung rearwardly until it rests upon the corresponding one of the frames 6.

To simultaneously elevate the targets that have been struck and swung rearwardly, the cord 17 is pulled forward; and, as a result, the rod 14 is rocked in the bearings 15; and, owing to the connecting link 12, the bar 10 will be elevated, and at the same time moved forward, thus elevating and moving forward all of the frames 6, and consequently elevating whatever targets have been knocked down.

When the pull on the cord 17 is released,

the frame 6 and various parts attached thereto will resume their normal positions by reason of their own weight.

5 An amusement device of our improved construction can be played by any number of persons, is particularly adapted for archery purposes; and, when so used, the arrows which are shot in the usual manner toward the targets are provided with blunt ends, or
10 with rubber tips.

The device is light, strong, and durable, can be conveniently transported from one point to another, all of the targets that are struck and knocked down are quickly and
15 conveniently elevated, and much amusement and skill is developed in the use of the device.

We claim:—

1. In a device of the class described, a vertically disposed frame, a series of parallel
20 rails arranged thereon, a series of targets hinged to each rail in such a manner as to swing rearward when struck, a wire frame having its ends journaled to the end of each rail, a vertically disposed swinging bar connecting all of the wire frames, and a rock
25 shaft journaled on one of the rails and con-

nected to the bar at one end in such a manner as to swing said bar vertically when said shaft is rocked.

2. In a device of the class described, a vertically disposed frame, a series of parallel rails arranged thereon, a series of targets hinged to each rail in such a manner as to swing rearward when struck, a wire frame having its ends journaled to the end of each
35 rail, a vertically disposed swinging bar connecting all of the wire frames, a rock shaft journaled on one of the rails and connected to the bar at one end in such a manner as to swing said bar vertically when said shaft is
40 rocked, and a stop fixed on the frame against which a portion of the rock shaft engages to limit the downward movement of the bar.

In testimony whereof, we have signed our names to this specification, in presence of
45 two subscribing witnesses.

H ALBERT THOMPSON.
CHARLES E. SARGENT.

Witnesses:

M. P. SMITH,
E. L. WALLACE.