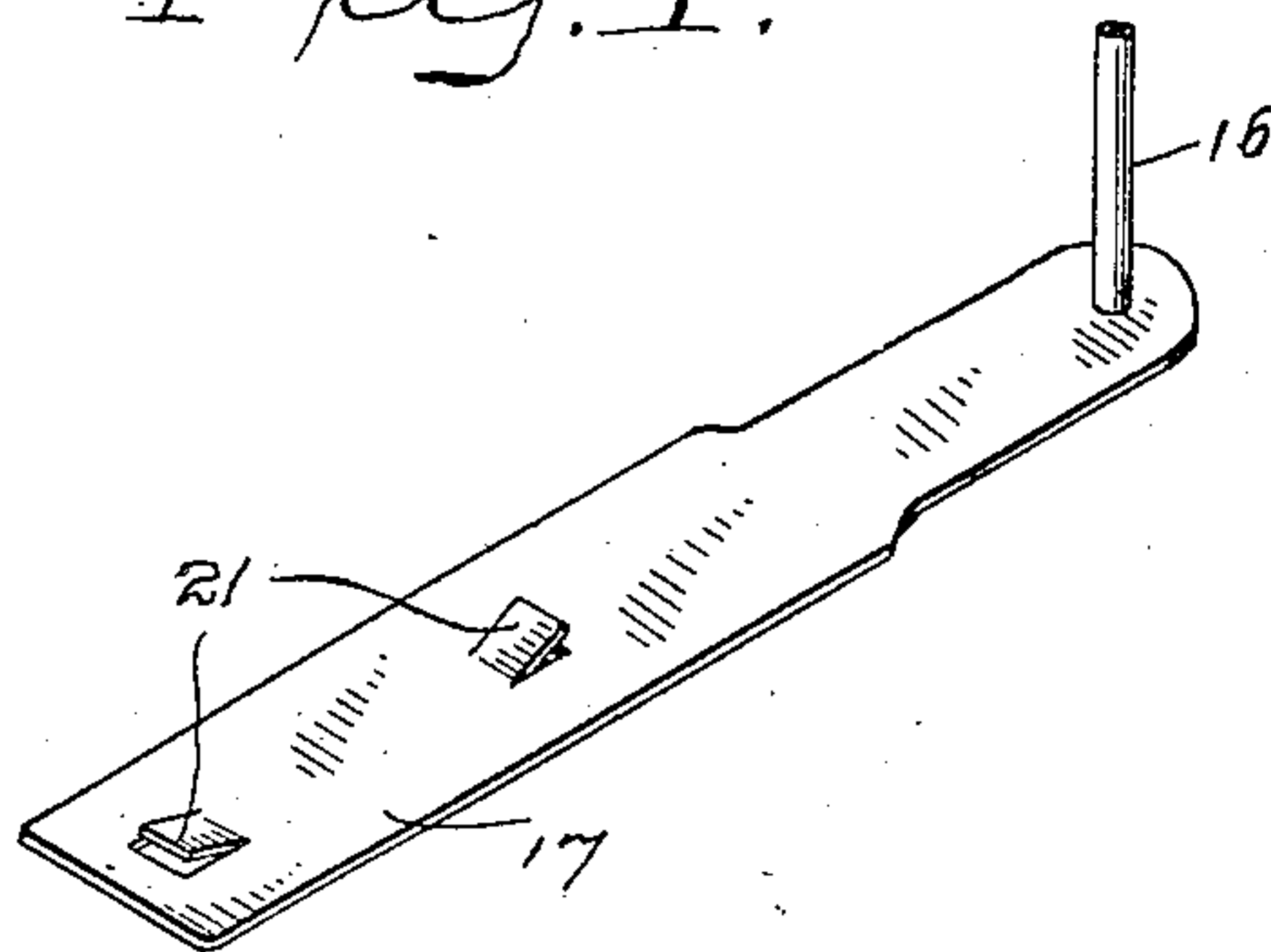


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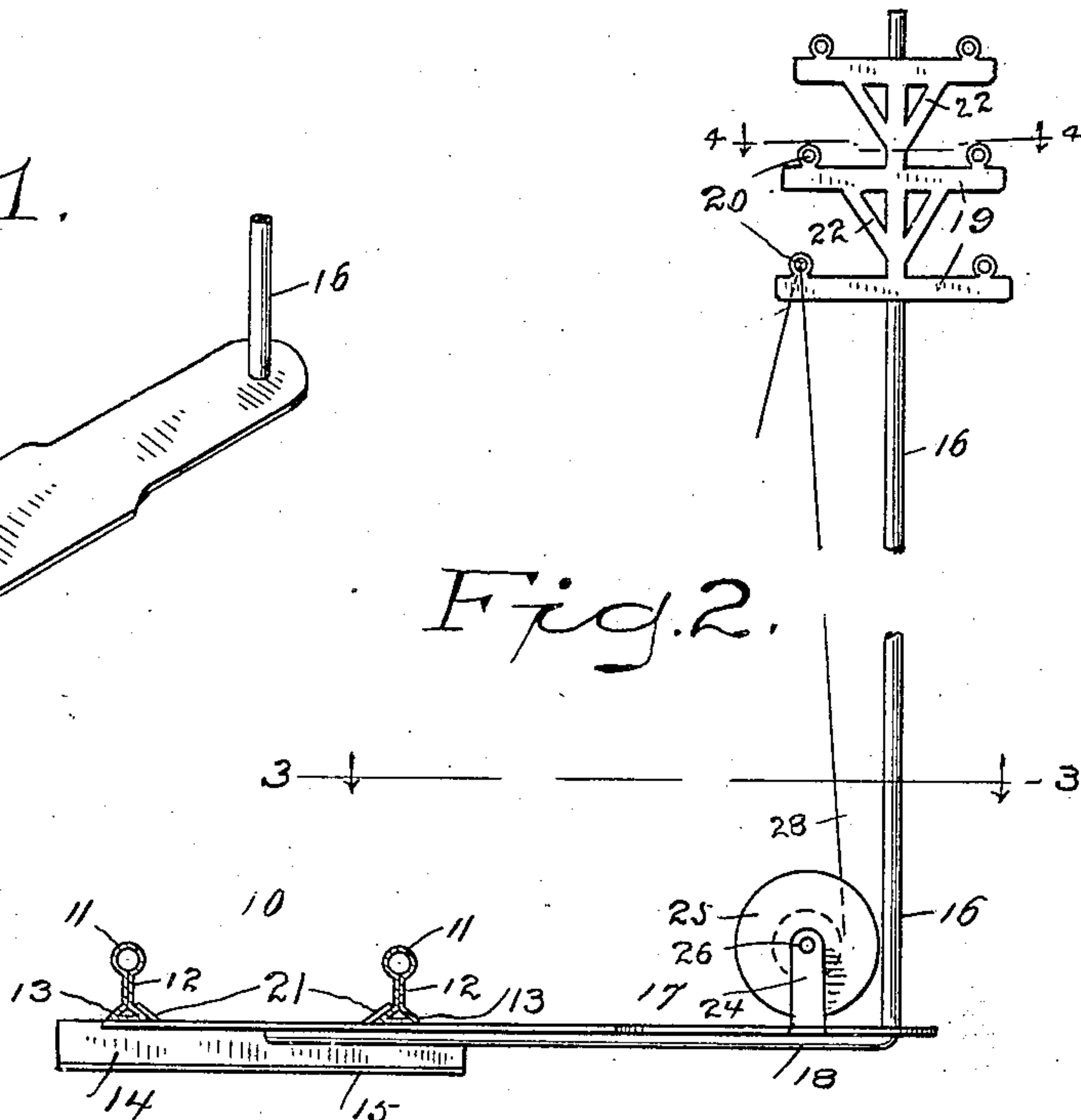
PATENTED DEC. 31, 1907.

W. R. HABERLIN.  
TOY TELEGRAPH POLE, BASE, AND REEL.  
APPLICATION FILED JUNE 1, 1907.

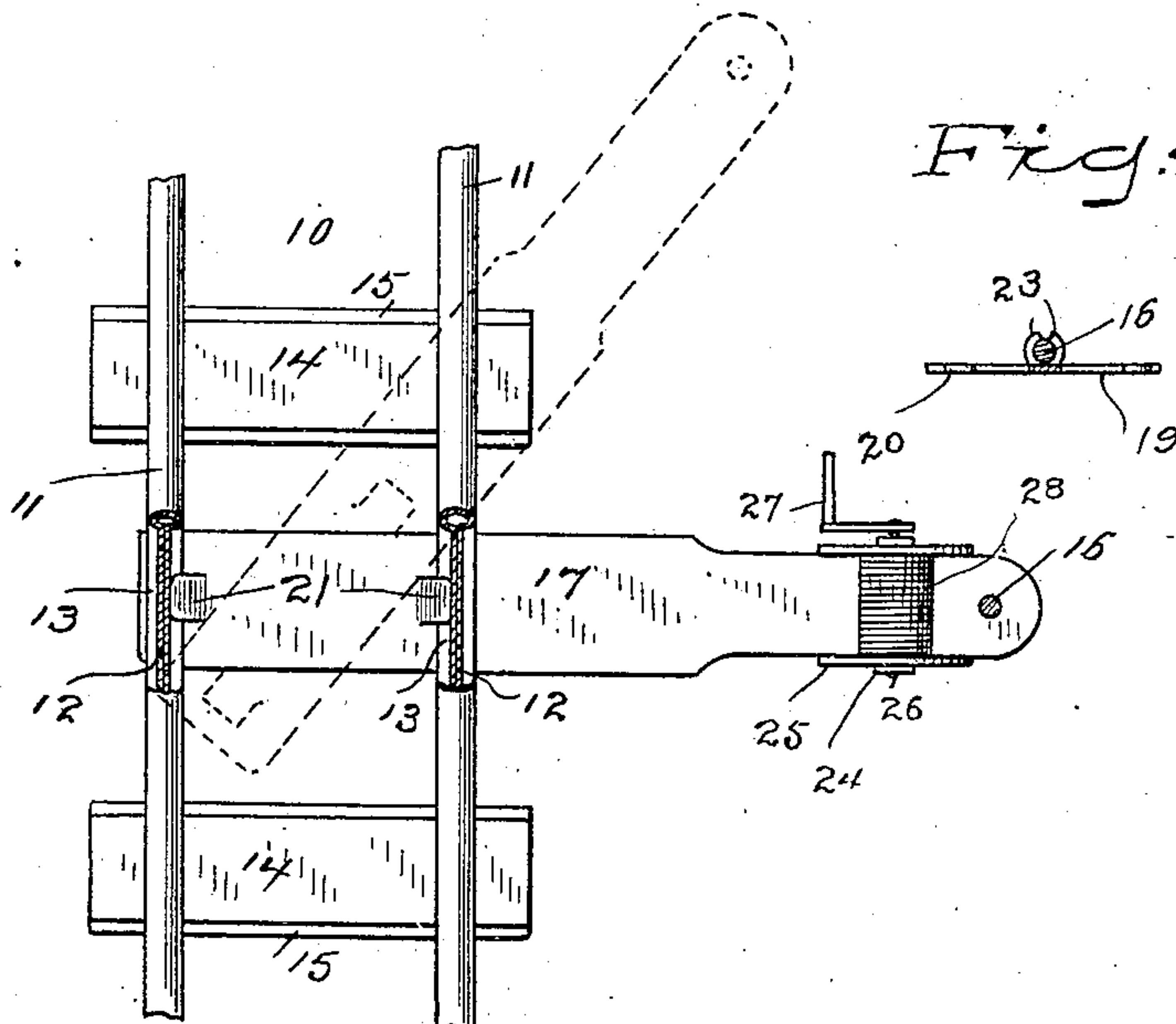
*Fig. 1.*



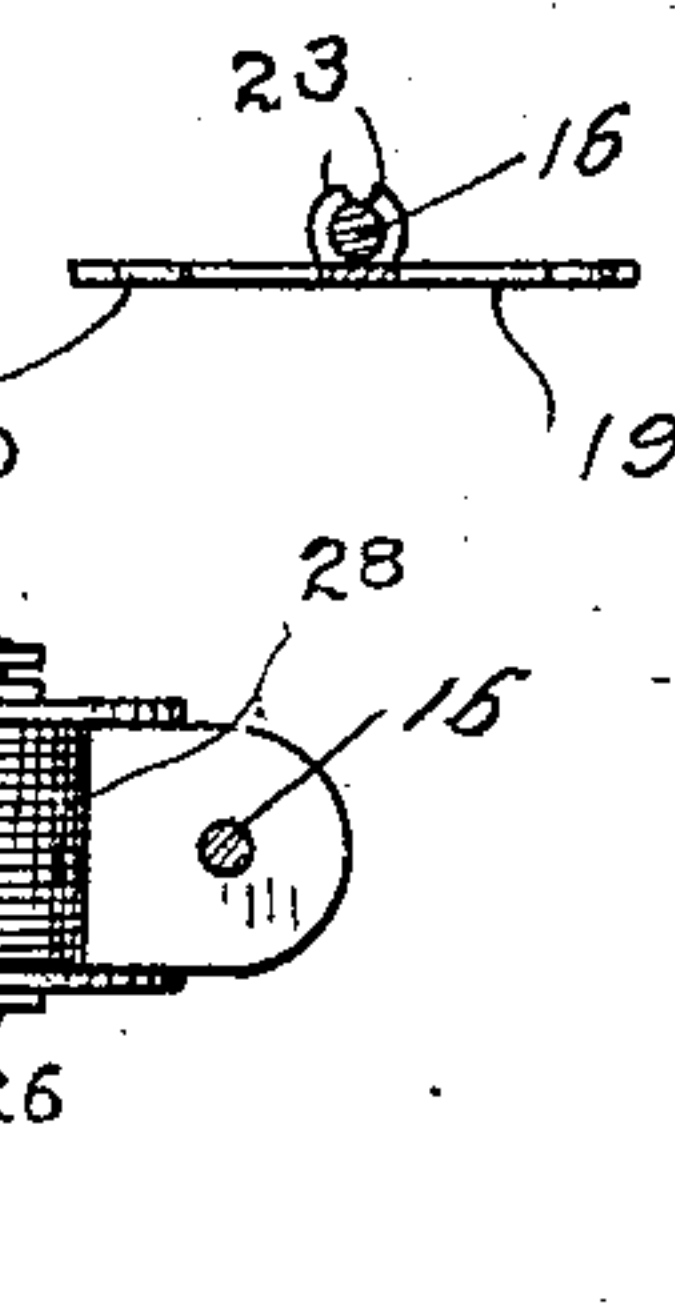
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



WITNESSES

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INVENTOR

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# UNITED STATES PATENT OFFICE.

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## TOY TELEGRAPH-POLE, BASE, AND REEL.

No. 875,428.

Specification of Letters Patent.

Patented Dec. 31, 1907.

Application filed June 1, 1907. Serial No. 376,768.

*To all whom it may concern:*

Be it known that I, WILLIAM R. HABERLIN, a citizen of the United States, residing at Bridgeport, county of Fairfield, State of Connecticut, have invented a new and useful Toy Telegraph-Pole, Base, and Reel, of which the following is a specification.

This invention has for its object to provide a telegraph and telephone pole and base and a reel adapted for use in connection with toy railway systems, which shall be simple and inexpensive to produce and adapted to be attached to and detached from the rails at any time.

With these and other objects in view I have devised the novel toy pole, base and reel of which the following description in connection with the accompanying drawing is a specification, reference characters being used to indicate the several parts:

Figure 1 is a perspective of a form in which the reel is omitted, showing the base, pole and the attaching lugs by which the base is secured to the flanges of rails; Fig. 2 a view showing the base, pole, reel and a tie in elevation, the rails being in section; Fig. 3 a plan view, the pole being in section on the line 3—3 in Fig. 2 and the rails being broken away in horizontal section to illustrate the mode of attaching the pole base thereto; and Fig. 4 is a detail sectional view on the line 4—4 in Fig. 2, looking down.

10 denotes the rails of a toy railway system which are ordinarily made of sheet metal formed to shape and comprise treads indicated by 11, webs indicated by 12 and flanges indicated by 13.

14 denotes ties which are made of sheet metal, are broadly inverted U-shape in cross section and are provided with outwardly extending flanges 15 which strengthen the ties and provide bearings for the ties and rails upon the floor or ground.

My novel pole, indicated by 16, is made of wire. 17 denotes the base therefor which is made from sheet metal. The pole passes through one end of the base, which for convenience I will term the outer end, is bent at a right angle and extends along the under-side of the base nearly to the inner end thereof, thereby bracing and strengthening it. The angle piece of the pole, which is indicated by 18, is soldered or otherwise rigidly secured

to the base and makes a firm and rigid structure which may be produced at trifling expense.

The upper end of the pole is provided with cross pieces 19, diagonal braces 22 and eyes 20 for wires. The cross pieces, braces, and eyes are formed integral from sheet metal, lugs 23 being struck out from the metal and clamped about the pole to secure the cross pieces, braces and eyes thereto, as clearly shown in Fig. 4.

The inner end of the base is provided with attaching lugs 21, facing outward from each other, which are formed by striking out tongues from the metal of the base, leaving one end of each tongue attached to the base. These attaching lugs are just sufficient distance apart to engage the flanges of a pair of rails, as clearly shown in Fig. 3. In setting a pole in place, the base is passed under the rails between a pair of ties, then raised slightly and placed obliquely so that the diametrically opposite corners of the attaching lugs will engage the flanges of the rails as indicated in dotted lines in Fig. 3, and then the base is turned transversely to the rails as in full lines in Fig. 3. The attaching lugs will then engage the inner sides of the flanges of both rails, the ends of the attaching lugs lying in engagement with the webs of the rails thereby bracing the base and retaining the base and pole firmly in place but permitting it to be readily removed if required and placed elsewhere.

24 denotes a yoke which may be soldered, riveted or otherwise secured to the top of the base near the lower end of the pole.

25 denotes a reel carried by a shaft 26 which is journaled in the arms of the yoke and is provided with a crank 27. This reel carries a fine wire or cord, indicated by 28, which in practice may be drawn from the reel and strung through eyes upon different poles of the system, as indicated in Fig. 2, and then re-wound upon the reel if so desired.

Having thus described my invention I claim:

1. A toy pole of the character described, comprising a base and a pole passing through one end of the base and extending longitudinally on the under side thereof and secured thereto and oppositely facing attaching lugs



on the other end of the base which are adapted to engage the inner sides of the flanges of a pair of rails.

2. A toy pole of the character described, 5 comprising a pole formed from wire and having cross pieces and eyes formed from sheet metal attached thereto, the lower end of said pole being bent at a right angle, a sheet metal base through which the pole is passed and to 10 the under side of which the angle piece is secured and oppositely facing attaching lugs struck out from the metal of the base and left attached at the inner ends, said lugs being adapted to engage the flanges of rails to 15 secure the pole and base in position.

3. A toy pole of the character described, comprising a base having at one end oppositely facing attaching lugs, for the purpose set forth, a pole and a yoke secured to the 20 opposite end of the base and a reel journaled in the yoke.

4. A toy pole of the character described,

comprising a pole formed from wire and having cross pieces and eyes formed from sheet metal attached thereto, a sheet metal base 25 to which the pole is secured, a yoke attached to the base and a reel journaled in the yoke to carry cord for stringing through the eyes on the poles.

5. A toy pole of the character described, 30 comprising a pole formed from wire, sheet metal cross pieces, braces and eyes formed integral from sheet metal and having lugs struck out therefrom to clamp the pole, a sheet metal base to which the pole is secured, 35 a yoke attached to the base and a reel journaled in the yoke, substantially as described, for the purpose specified.

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

WILLIAM R. HABERLIN.

Witnesses:

A. M. WOOSTER,

S. W. ATHERTON.