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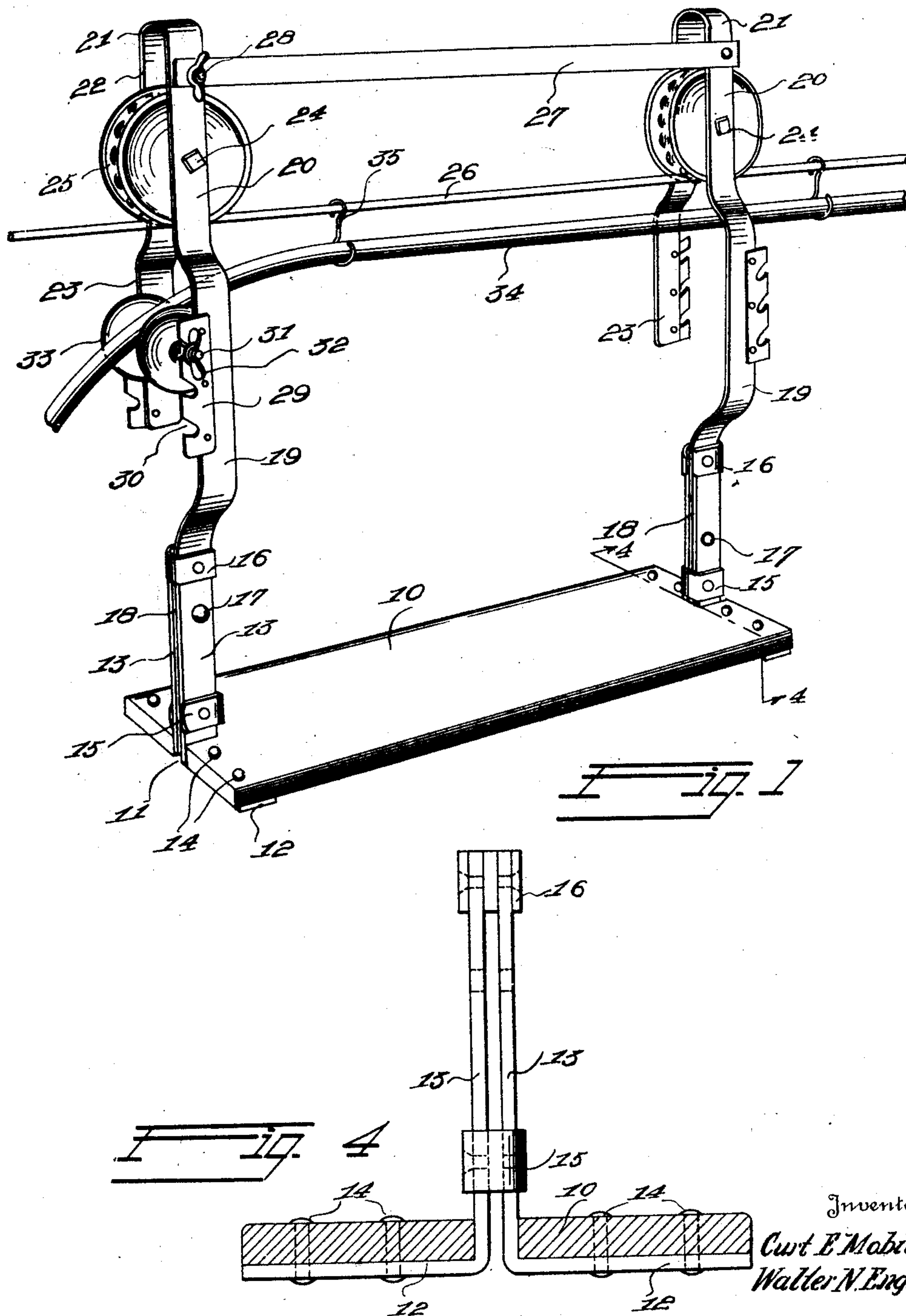
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C. E. MOBIUS ET AL

CABLE CAR

Filed Oct. 21, 1927

2 Sheets-Sheet 1



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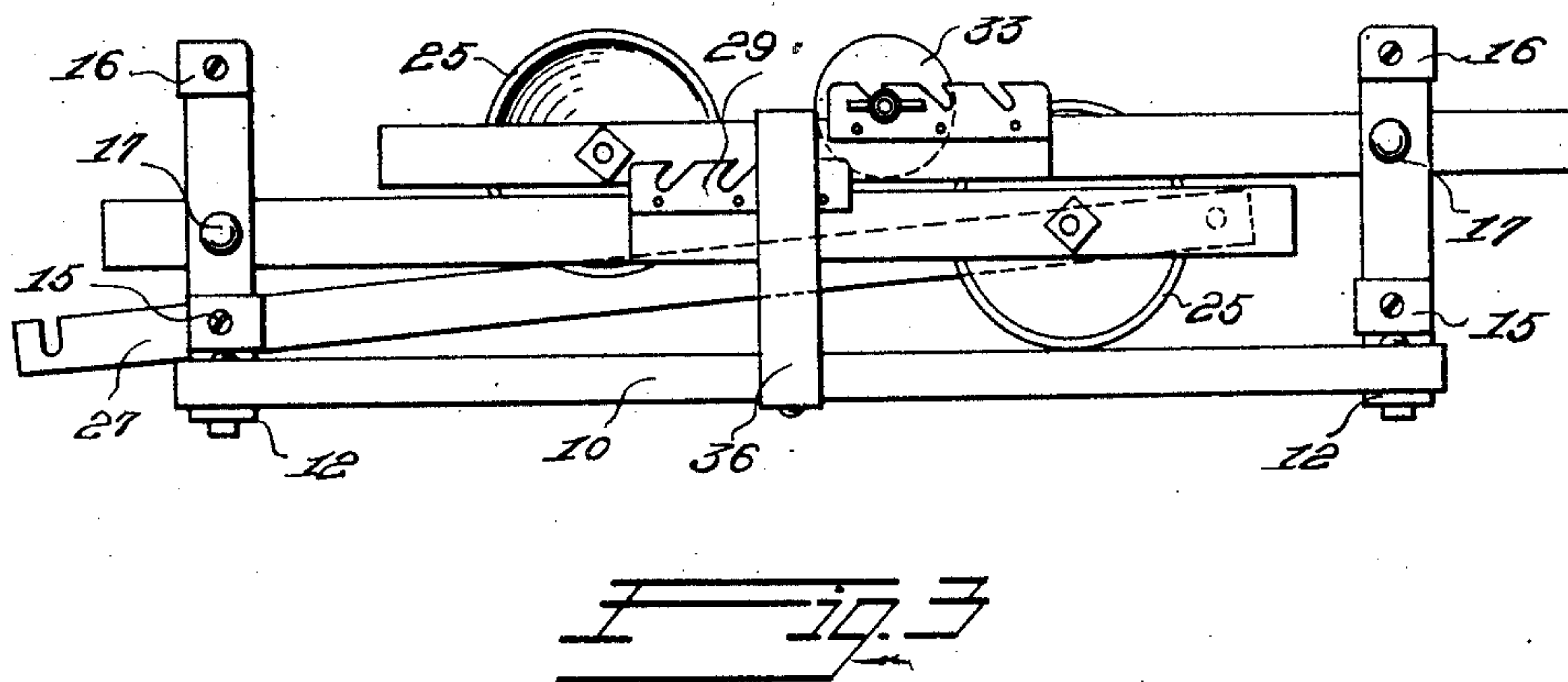
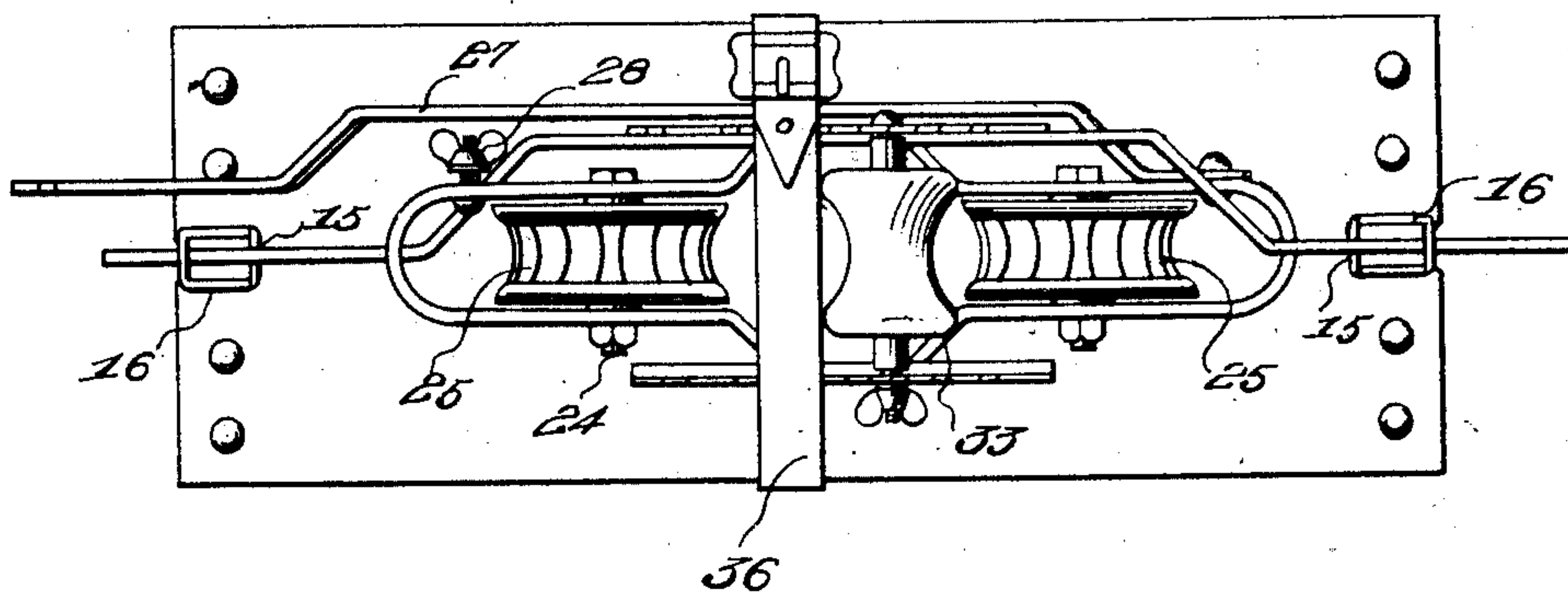
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UNITED STATES PATENT OFFICE.

CURT E. MOBIUS, OF BROOKLYN, AND WALTER N. ENGLER, OF NEW YORK, N. Y., ASSIGNEES TO THE WESTERN UNION TELEGRAPH COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

CABLE CAR.

Application filed October 21, 1927. Serial No. 227,776.

This invention relates to lineman's chairs or cable cars, adapted to be supported upon the messenger wire to accommodate the lineman when attaching a cable to said wire.

It is well known that these chairs are necessarily of considerable size and in their ordinary form in which a pair of standards, frames, or hangers is fixedly attached to a seat they are unwieldy in transportation.

The important objects of the present invention are to provide an improved form of linemen's chair so constructed that the various parts may be folded together in a compact manner; to provide a construction so arranged that when the parts are folded they may be held in folded position by an ordinary strap or the like; and to provide an improved device of this kind so arranged that when unfolded it is rigidly held in unfolded or operative position.

With the above objects in view the invention consists in general of certain novel details of construction and combinations of parts hereinafter fully described, specifically claimed, and illustrated in the accompanying drawings wherein:

Figure 1 is a perspective view of the complete device as it appears in use.

Figure 2 is a plan view of the device in folded position.

Figure 3 is a side elevation of the device folded.

Figure 4 is a detail view on line 4—4 of Fig. 1 showing only the seat and a bracket.

An elongated rectangular seat constitutes the base or foundation of the device and is provided at each end with a centrally disposed notch 11. Extending beneath the seat at each side of each notch is a horizontal leg 12 of an L-shaped bracket having a vertical leg 13, the horizontal leg being secured to the seat by rivets or bolts 14. It will be observed that the legs 13 are spaced apart and adjacent the bottom of each pair of legs is a U-shaped clip 15 which embraces the legs 13 and is secured thereto to hold said legs in proper spaced relation. The closed side of the clip 15 faces inwardly, that is, toward the opposite end of the seat. At the top of each pair of legs is a similar clip 16, the closed side of which faces outwardly. Extending across the space between each pair of legs is a pivot 17, the pivot at one end being higher than the pivot at the other end and upon

which are mounted the hangers for the seat. Each of these hangers consists of a straight lower portion 18 which fits between the legs 13 and when moved to vertical position bears against the closed ends of the clips 15 and 16. Above the legs, this hanger is continued upwardly in an off-set portion 19 above which again the hanger is continued upwardly in an in-set portion 20 and is bent down into U-shape as at 21. From the bend 21 the hanger continues downwardly in spaced parallel relation to the part 20 as at 22 and opposite the part 19 is off-set as at 23. In this manner the two hangers are open at the bottom between the parts 19 and 23. Between the parts 20 and 22 extend pivot bolts 24 whereon are mounted the wheels 25 for running on the messenger wire 26. Pivoted to one part 20 is a tie-bar 27 which is secured to the other part 20 by a bolt and thumb nut 28 when the hangers are swung outwardly to vertical or operative position. Obviously when the device is erected as shown in Figure 1 it may be hung over the messenger wire 26 without difficulty.

Secured to each of the parts 19 and 23 on each hanger is a plate 29 having upwardly inclined notches 30, the notches in one plate being aligned opposite those in the other plate so that bolts 31 may be secured in any desired pair of notches by means of a thumb nut 32. Usually but one of these bolts is used at one end of the chair and on this bolt is arranged a concave roller 33 so that the cable 34 may be led up over this roller from the ground into convenient position for the linemen to suspend the cable from the messenger wire 26 by means of links 35.

From an inspection of Figures 2 and 3 it will be seen that the tie-bar 27 is off-set in order to clear the off-set portion 19 of the standard to which it is pivoted. By loosening the clamp nut 28, the tie-bar can be swung upwardly and the hanger can then be folded down parallel to the seat 10, the remaining hanger being folded on top thereof as clearly shown in Figure 3. An ordinary leather strap 36 may be used to hold the parts in position for transportation.

What we claim is:

1. A lineman's chair comprising a seat, brackets positioned at opposite ends of said seat, hangers pivoted to said brackets and foldable over said seat, and rollers carried

by said hangers and adapted to engage a messenger wire.

2. A lineman's chair comprising a seat, brackets positioned at opposite ends of said seat, hangers pivoted to said brackets, one of said hangers being pivoted to its bracket at a greater distance from said seat than the other hanger whereby the hangers may be folded one over the other on said seat, and rollers carried by said hangers for engagement on a messenger wire.

3. A lineman's chair comprising a seat, brackets positioned at opposite ends of said seat, hangers pivoted to said brackets, rollers carried by said hangers and adapted to engage a messenger wire and means to detachably secure said hangers rigidly in position extending upwardly from the seat.

4. A lineman's chair comprising a seat, brackets positioned at opposite ends of said seat, hangers pivoted to said brackets, one of said hangers being pivoted to its bracket at a greater distance from said seat than the other hanger, whereby the hangers may be folded one over the other upon said seat, rollers carried by said hangers for engagement on a messenger wire, and means to detachably secure said hangers rigidly in position extending upwardly from the seat.

5. A lineman's chair comprising a seat, brackets positioned at opposite ends of said seat, hangers pivoted to said brackets, rollers carried by said hangers and adapted to engage a messenger wire, clips on said brackets forming stops to limit the movement of the hangers in one direction about said pivots, a tie-bar pivoted to one of said hangers, and means to detachably secure the tie-bar to the remaining hanger to prevent folding movement of said hangers.

6. A lineman's chair comprising a seat, brackets positioned at opposite ends of said seat, hangers pivoted to said brackets and provided with an intermediate off-set portion, rollers carried by said hangers for engagement with a messenger wire, a tie-bar pivoted to one of said hangers and having an off-set portion to permit the bar to clear the off-set portion of the hanger to which it is secured when in folded position, and means to detachably secure the tie-bar to the remaining hanger to secure the hangers rigidly in position when extending upwardly from the seat.

In testimony whereof we affix our signatures.

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