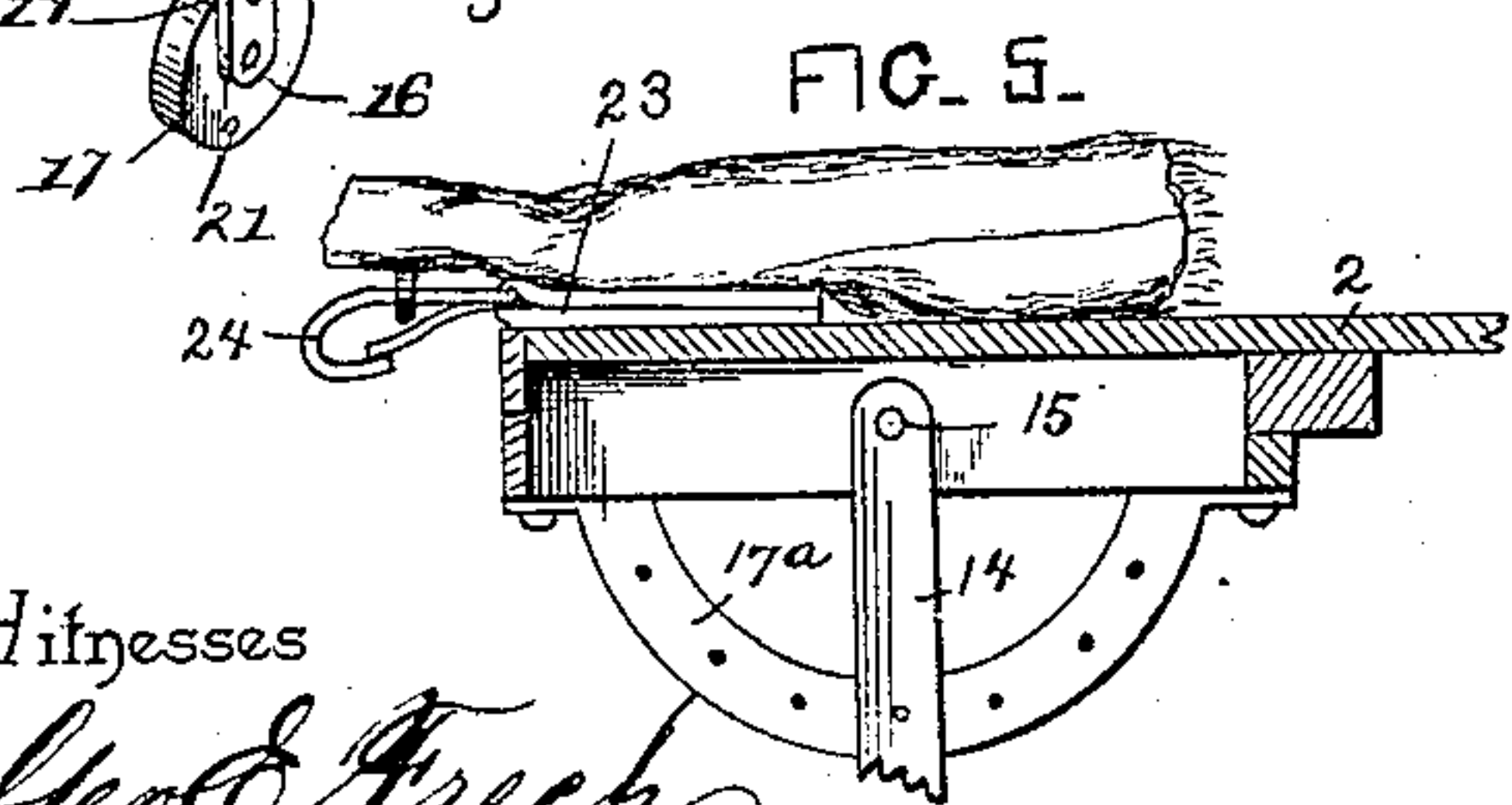
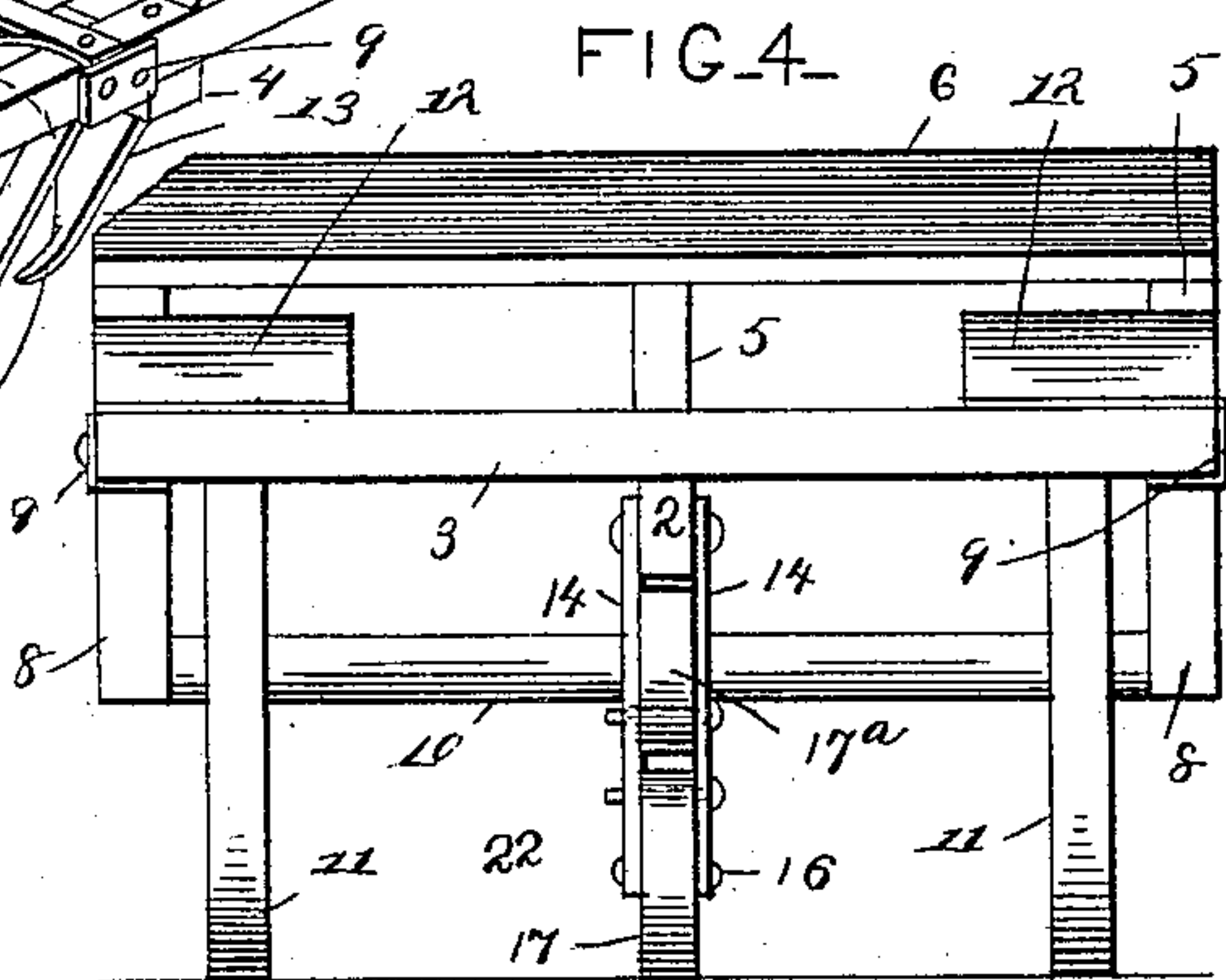
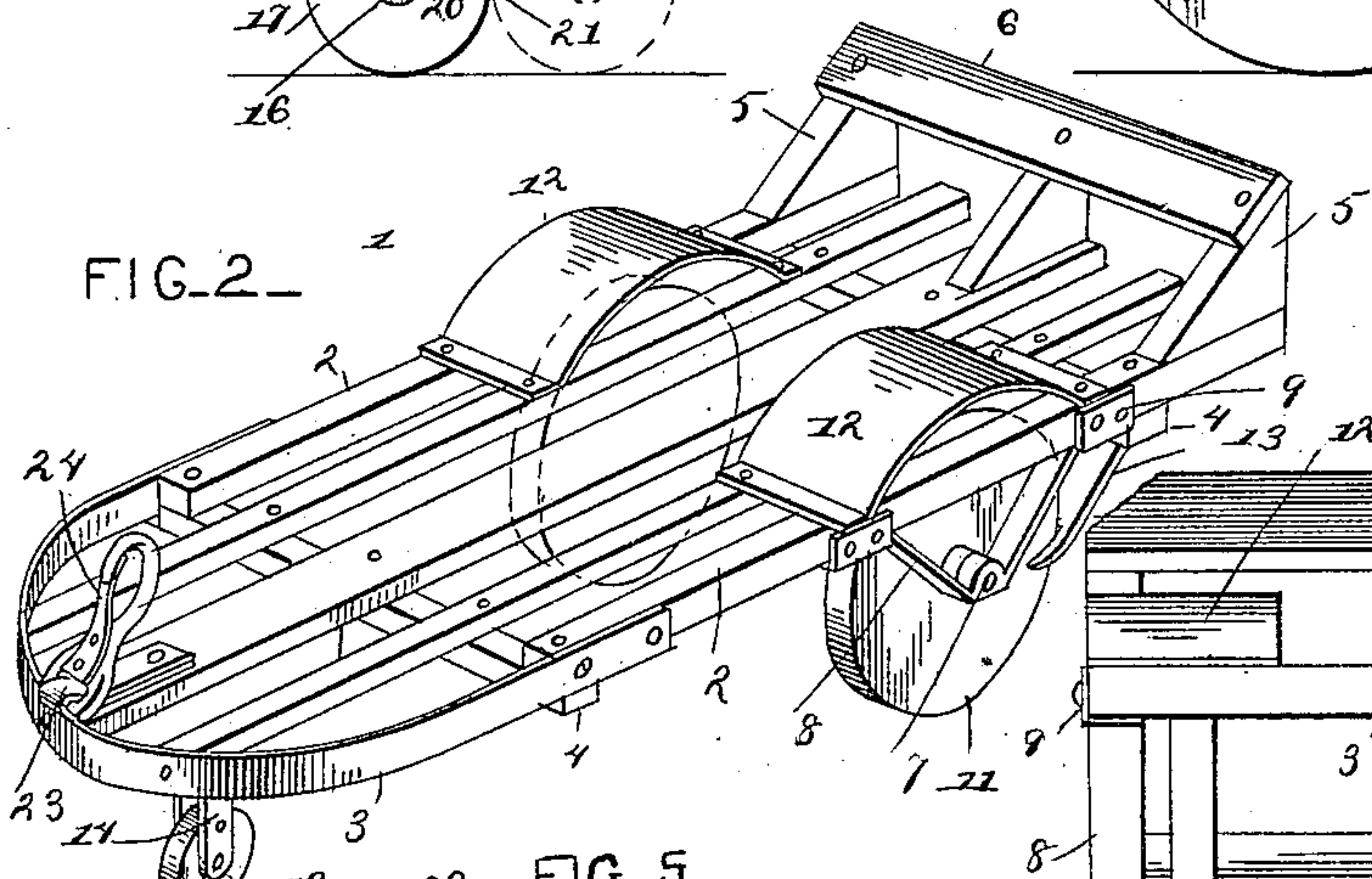
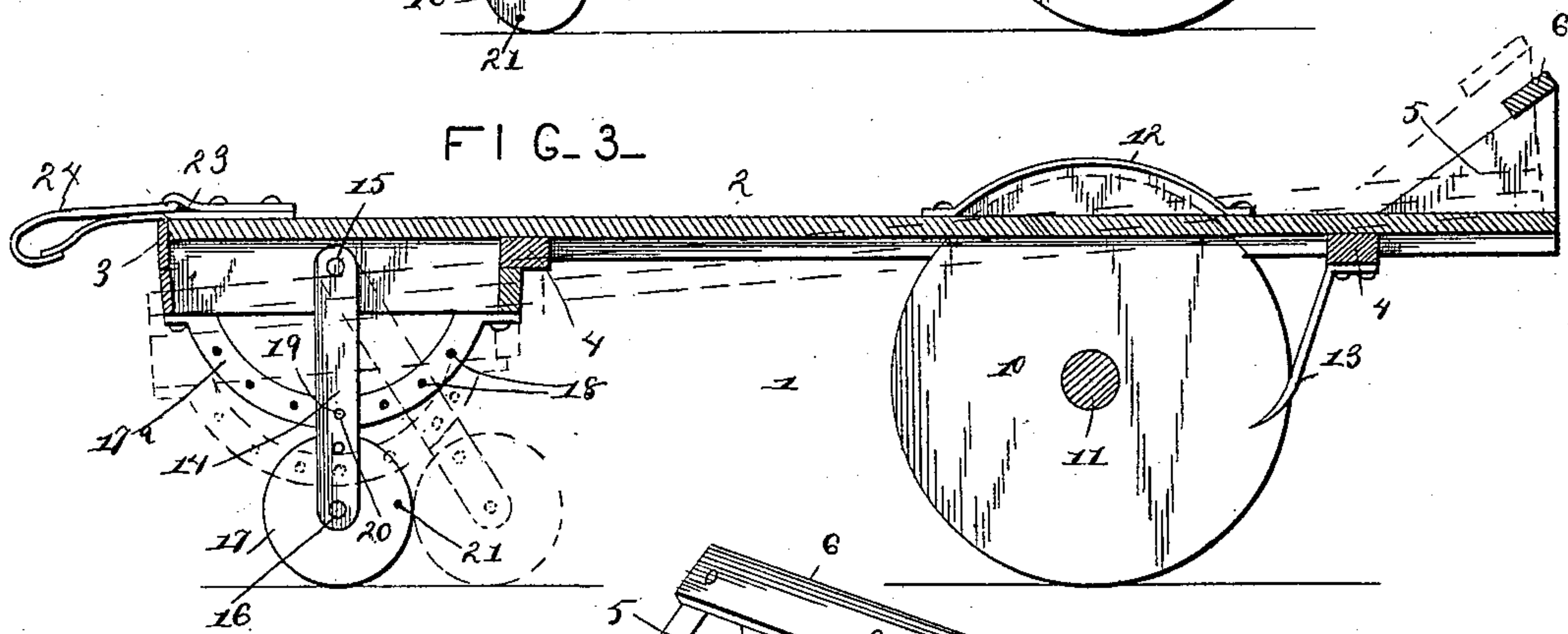
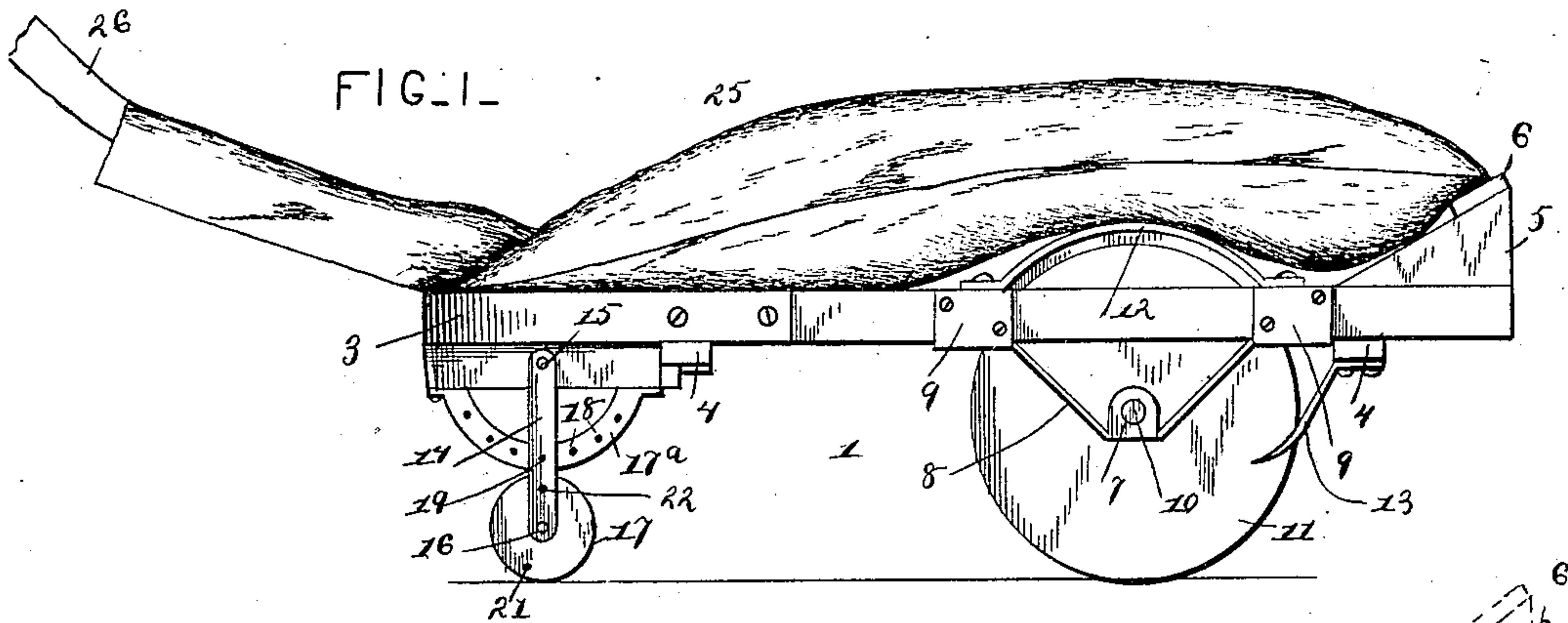


(No Model.)

J. WARREN & W. O. JOHNSON.
COTTON SACK CARRIER.

No. 471,042.

Patented Mar. 15, 1892.



Witnesses
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By their Attorneys,

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Inventors
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UNITED STATES PATENT OFFICE.

JOHN WARREN AND WILLIAM OSCAR JOHNSON, OF PEEDE'S, TEXAS.

COTTON-SACK CARRIER.

SPECIFICATION forming part of Letters Patent No. 471,042, dated March 15, 1892.

Application filed March 23, 1891. Renewed February 18, 1892. Serial No. 422,036. (No model.)

To all whom it may concern:

Be it known that we, JOHN WARREN and WILLIAM OSCAR JOHNSON, citizens of the United States, residing at Peede's, in the county of Kaufman and State of Texas, have invented a new and useful Cotton-Sack Carrier, of which the following is a specification.

This invention relates to a cotton-sack carrier.

Heretofore in picking cotton it has been customary to employ cotton-bags having straps at their mouths, which pass around the body of the picker and are dragged along the ground from plant to plant and in the bottom of the furrow. Numerous objections and disadvantages have arisen from this custom and may be briefly stated as follows: The picking is to a great extent carried on by children, and the weight of the bag and its contents amount to very considerable, and hence it is a very laborious occupation, not only in dragging the bags along the furrow, but also to the point of weighing and from thence to the cotton-pen, into which the contents of the bags are thrown. Furthermore, the bag soon wears out upon its side and must be frequently patched, so that delay and expenditure of time, cost, and labor results. Again, wet weather often ensues during the cotton-picking season, and by reason of the fact that a large proportion of cotton is planted on flat or level ground pools of water collect in the furrows and render the dragging of a cotton-bag through the same impracticable, and hence it is that by reason of the same the picking of the cotton is delayed until oftentimes the entire crop is ruined.

The objects of our invention are to overcome the above difficulties, and this in a cheap and simple manner and by a device readily within the reach of all.

With these objects in view the invention consists in certain features of construction hereinafter specified, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a side elevation of a cotton-sack carrier constructed in accordance with our invention, the cotton-sack being mounted thereon. Fig. 2 is a perspective in detail of the carrier. Fig. 3 is a vertical longitudinal section of the same. Fig. 4 is a front elevation. Fig. 5 is

a longitudinal section through the front central end of the truck.

Like numerals of reference indicate like parts in all the figures of the drawings.

In practicing our invention we employ a series of longitudinal bars 2, arranged parallel to each other and having their front ends shortened and connected by a curved metal strip 3. The bars are connected upon their under sides near their front and rear ends by cross-bars 4, and upon their upper sides at their rear extremities are provided with inclined blocks 5, to the faces of which is secured a cross-strip 6. Bearings 7 are formed in depending stirrups 8, which terminate in opposite clips 9, securely bolted to the outer side bars 2, and in the bearings there is journaled an axle 10, carrying a pair of wheels 11, located between the two outer bars 2 at each side of the carrier. These wheels are covered by hoods 12, located upon the upper side of the carrier. To the rear cross-bar 4 are secured scraper-plates 13, the ends of which depend and are bifurcated to loosely embrace the peripheries of the wheels.

A pair of standards 14 are hinged or pivoted, as at 15, to the under side and front end of the central bar 2, and in the free ends of the standards, at which points are formed bearings, is journaled the axle 16 of a wheel 17. A curved segmental frame or bar 17^a is secured to the under side of the central bar 2 and is located between the depending standards. This bar is provided at intervals with perforations 18, into register with any one of which may be thrown a similar perforation 19, formed in the two standards 14, and through the perforations a pin 20 may be passed, thus either raising or lowering the front end of the carrier, as may be desired, and in accordance with the location of the perforations through which the pin is passed. The wheel is also provided with a perforation 21, which may be thrown into register with one of the perforations in the perforated segmental bar and by a pin 22, passed through the perforations, may be locked against movement, and thus adapted to slide over the ground in the manner of an ordinary runner, which latter, if desired, I may substitute for the wheel.

To the upper side of the front end of the

central bar 2 of the series is secured by a loop 23 a snap-hook 24. 25 designates an ordinary cotton-receiving bag provided at its mouth with the usual strap 26 and upon its under side with the ring 27 for engaging the snap-hook of the carrier. The bag, it will be observed, is much longer than the carrier, so that a portion of its length is free to bend to the movements of the picker.

10 In operation the strap is placed around the body of the picker in the usual way and the ring of the bag engaged by the snap-hook, that portion of the bag in rear of the ring resting upon the carrier. If going downhill 15 the wheel is locked against rotation by means of a pin before mentioned, so that the wheel acts as a brake and overcomes the inclination of the carrier to roll upon the picker. When, however, going uphill, the pin is removed, so 20 that the draft is decreased and the wheel is also raised and lowered in the manner heretofore mentioned, so as to elevate or depress the front end of the carrier to suit the picker.

By our invention the bag and its contents 25 are supported above and out of contact with the ground, thus avoiding friction and wear and increasing the period of utility of the bag. Children may readily transport their filled bags to the weighing-point and the cotton-pen, and the labor occasioned by the necessity of dragging about the bag and its contents is avoided. 30

Having described our invention, what we claim is—

35 1. The combination, with a portable truck having a hook, of a bag longer than the truck and provided near its middle with a ring for engaging the hook and beyond the same and truck with a strap adapted to be passed 40 around the body of a person, substantially as specified.

2. The combination, with the truck and supporting-wheels for the same, of a bag ex-

tending beyond the truck and terminating in a strap and connecting devices between the intermediate bag and the front of the truck, substantially as specified. 45

3. The combination, with the series of longitudinal bars, the metal strap connecting the ends thereof, the transverse bars located 50 near the front and rear ends and upon the under side of the longitudinal bars, the opposite depending stirrups having bearings, the axle mounted in the bearings and carrying ground-wheels, the perforated depending standards hinged at their upper ends and 55 provided with perforations, the wheel journaled between the lower ends of the standards, the perforated bar mounted between the pivoted standards, the pin for adjusting the standards upon the perforated bar, and a second pin for locking the wheel by being passed 60 through the same and the locking-bar, the hook located upon the upper side of the truck, the bag, and the ring secured to the bag and engaging the hook, substantially as specified. 65

4. The herein-described cotton-sack carrier, comprising a truck mounted on wheels and provided at its front end with a depending pivoted standard carrying a wheel, means for 70 adjusting the standard in the arc of a circle, and inclined blocks at the rear end of the truck, as set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures 75 in presence of two witnesses.

JOHN WARREN.

WILLIAM OSCAR JOHNSON.

Witnesses to the signature of John Warren:

V. C. CRAWLEY,

ANN MCFARLAND.

Witnesses to the signature of W. O. Johnson:

A. L. WARNER,

AMBROSE JOHNSON.