

J. CHARRIOT.
WHEELBARROW.
APPLICATION FILED DEC. 5, 1918.

1,427,262.

Patented Aug. 29, 1922.

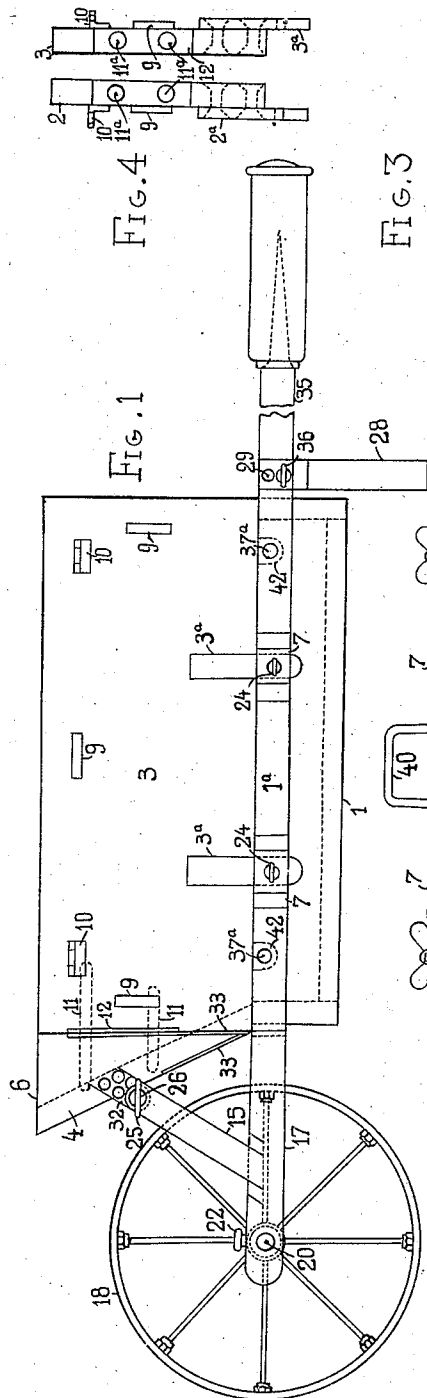


FIG. 3

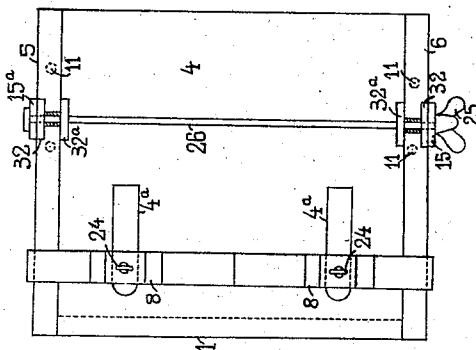


FIG. 2

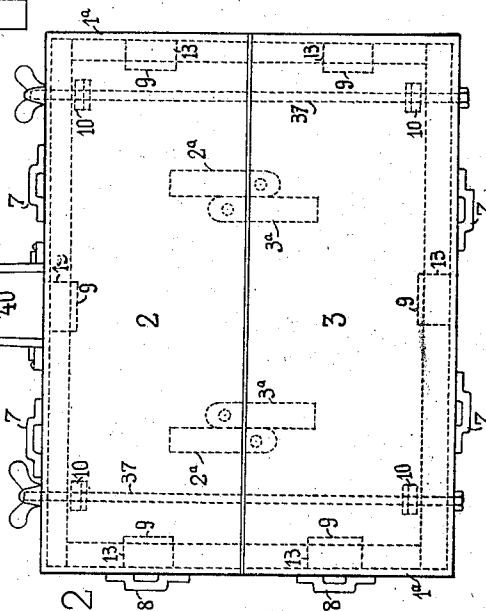
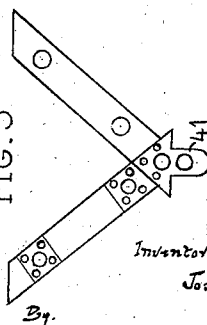


FIG. 5



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JOSEPH CHARRIOT, OF PARIS, FRANCE.

WHEELBARROW.

1,427,262.

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To all whom it may concern:

Be it known that JOSEPH CHARRIOT, a citizen of the French Republic, residing at 12 Rue des Ecluses, St. Martin, Paris, France (whose post-office address is 12 Rue des Ecluses St. Martin, Paris, France), has invented certain new and useful Improvements in and Relating to Wheelbarrows, of which the following is a specification.

This invention relates to a wheelbarrow, the various parts of which can be quickly taken to pieces and be folded up one on another, so that the space occupied by the wheelbarrow when so folded up is reduced to the minimum and can be removed from one place to another with great facility. The setting up of the wheelbarrow is effected with equal rapidity and without the employment of any implement.

This portable wheelbarrow is more particularly suited for public works, engineering, commissariat, artillery, infantry and and pioneers. Different forms can be constructed for various special purposes.

The accompanying drawing, given by way of example represents one of these forms of construction.

Fig. 1 is a side view of a wheelbarrow, in accordance with the invention.

Fig. 2 is a plan of the wheelbarrow as folded up.

Fig. 3 is a view of the front portion.

Fig. 4 a front view of the two upper side parts.

Fig. 5 is a side view of a trestle for the transport of shells, bars or similar objects.

As will be seen the body of the wheelbarrow comprises a box-like body portion 1 having low sides and ends which are bound round near their upper edges with two steel bands 1^a each of which embrace one side and half of each end of the box-like body 1.

These bands 1^a constitute a mounting adapted to support the side parts 2 and 3 and the front part 4, which are secured in place by lugs or tongues 2^a, 3^a, 4^a which fit in sockets 7, 7, and 8 respectively on the bands 1^a. The lugs or tongues are locked in these sockets by set screws 24.

Two triangular shaped pieces 5 and 6 having dowel pins 11 are attached to the front end of the sides 2 and 3, the dowel pins 11 engaging without play, holes 11^a in the sides 2 and 3. Iron plates 12 secured to the sides

2 and 3 at these points serve to reinforce the same and prevent undue wear to the holes 11^a. Iron plates 33 are also provided to reinforce the lower corners of the triangular pieces 5 and 6.

Perforated lugs 32 are arranged on the outside of the triangular pieces 5 and 6 and similar perforated lugs 32^a in alignment therewith are arranged on the front part 4.

Two stays 15 and 15^a set in sockets in the wheel fork members 17 are perforated at their upper extremities and are adapted to come outside the lugs 32 and 32^a respectively in order that the bolt 26 may be passed through all four lugs and the two stays and then fastened by the wing nut 25.

The wheel fork members 17 are bent at right angles and fixed to the steel bands 1^a by bolts (not shown) whose heads hold on the inside of the body 1 and by nuts arranged on the outside. The wheel 18 is mounted on the axle 20 and provided with a lubricator 22.

The handles 35 of the wheelbarrow are fitted to the back in the same manner as the wheel fork members 17 which support the wheel. The legs 28 are pivotally jointed at 29 and can be turned back along the handles 35. When they are lowered they are fixed by means of the screw rod 36 which connects the two handles.

40 is a carrying handle fixed on the body.

9 are guide blocks, 10 perforated lugs adapted to receive the rods 37 and, 13 are guide plates.

When the wheelbarrow is taken to pieces, the wheel relieved of its axle is placed in the bottom of the body 1. Then the axle 20, the two fork members 17, the two triangular pieces 5 and 6 and the two handles are also placed in the body 1. The front part 4 and the stays 15 and 15^a detached therefrom are then laid above these parts. The sides 2 and 3 are then detached and placed on the body with their bottom edges together as shown in Figure 2 so that the guide blocks come against the guide plates 13 (Fig. 2) fixed on the inside of the body 1.

The rods 37 are then passed through the four holes 37^a in the body 1 and the steel bands 1^a (Fig. 1) and the corresponding holes 42 in the perforated lugs 10 which are shown in this position in dotted lines Figure 1. The bolts 37 are made tight on the right hand side of the body where the

carrying handle 40 is situated. In this way a close rectangular box is formed which may moreover, contain various implements. Figure 2 shows the position occupied by the side parts 2 and 3 and their tongues 2^a and 3^a when the wheel-barrow is folded up.

A trestle (Figure 5) may be combined with the wheel-barrow for the conveyance of shells, etc. The extensions 41 of this trestle engage in the sockets 7 in the wheel barrows, the upper side parts being removed.

I claim:—

1. A wheel-barrow comprising a box-like body, with a detachable end section, a detachable wheel, detachable fork members and detachable combined handles and legs all adapted when detached to be enclosed within the box like body and detachable side

portions adapted to form a lid or closure for the box like body.

2. A wheel-barrow comprising a box-like body with a detachable end section, a detachable wheel, detachable fork members and detachable combined handles and legs all adapted when detached to be enclosed within the box like body and detachable side portions adapted to form a lid or closure for the box like body, and means for fixing the detachable side portions when employed as a lid or closure consisting of bolts adapted to run through the sides of the body, and perforated lugs attached to the side portions and engaged by the bolts.

In testimony whereof he has affixed his signature.

JOSEPH CHARRIOT.