C. W. GOODYEAR.

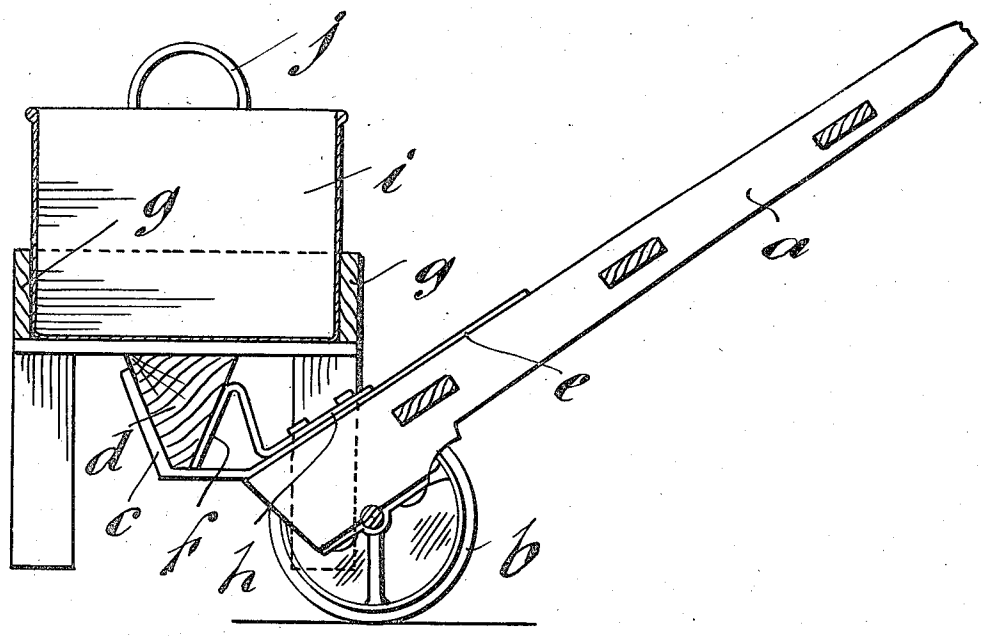
MEANS FOR CONVEYING OR TRANSPORTING GOODS.

APPLICATION FILED JUNE 18, 1917. RENEWED MAR. 3, 1919.

1,299,829. Patented Apr. 8, 1919.

2 SHEETS—SHEET 1.

Fig. 1.



Inventor:-
Charles W. Goodyear
By: B. Singer, Atty.

C. W. GOODYEAR.

MEANS FOR CONVEYING OR TRANSPORTING GOODS.

APPLICATION FILED JUNE 18, 1917. RENEWED MAR. 3, 1919.

1,299,829. Patented Apr. 8, 1919.

2 SHEETS—SHEET 2.

Fig. 4.

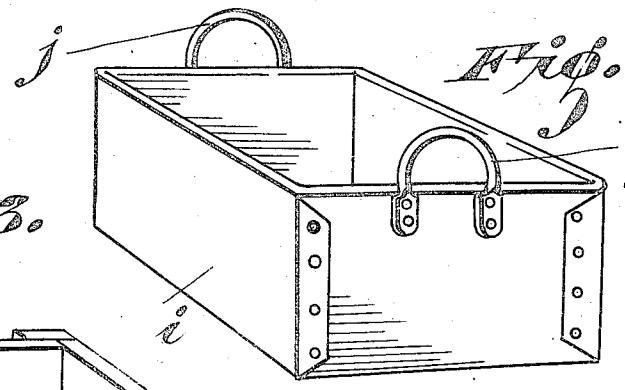


Fig. 3.

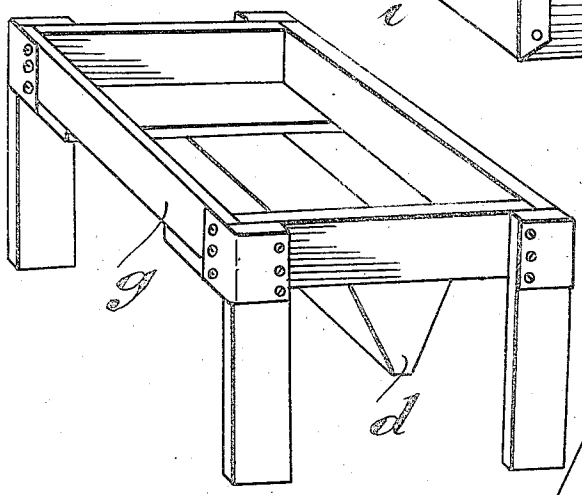


Fig. 2.

Inventor.
Charles W. Goodyear.
By: R. Singer. Atty.

UNITED STATES PATENT OFFICE.

CHARLES WILLIAM GOODYEAR, OF DUDLEY, ENGLAND.

MEANS FOR CONVEYING OR TRANSPORTING GOODS.

1,299,829. Specification of Letters Patent. Patented Apr. 8, 1919.

Application filed June 18, 1917, Serial No. 175,512. Renewed March 3, 1919. Serial No. 280,489.

To all whom it may concern:

Be it known that I, CHARLES WILLIAM GOODYEAR, a subject of the Kingdom of Great Britain, residing at Churchfield Mills, Dudley, in the county of Worcester, England, manufacturer, have invented certain Improvements in or Relating to Means for Conveying or Transporting Goods, of which the following is a specification.

This invention comprises certain improvements in or relating to means for conveying or transporting goods, and refers particularly to means of a character adapted to provide for the transport by manual labor of a relatively small quantity of goods over a relatively short distance from one position to another. In an instance in which metal articles of a relatively small character are being produced at a lathe, and it is desired to transfer these to another position, the methods heretofore in vogue involve considerable time and labor which it is the object of the present invention to reduce.

The present invention provides a receptacle in which the goods can be placed, and which receptacle is of a character such that it can be conveyed by a barrow, trolley, truck, or the like in a particularly convenient manner without necessitating the lifting of the said receptacle on to or off the barrow. To this end the receptacle is of a character such that the barrow can be wheeled in relation to it and manipulated to raise the receptacle off the ground. The receptacle can then be conveyed by the barrow, after which the barrow can be manipulated to replace the receptacle upon the ground without the necessity for any independent raising of the receptacle into position upon the barrow.

The invention is advantageously carried out by providing the bottom of the receptacle with a projection or projections conveniently of V-section, and in providing a barrow of the type having two wheels with V-shaped receiving portions at its fore part. The barrow can thus be wheeled toward a receptacle, the arms raised into an elevated condition until the V-portions of the barrow are approximately underneath the V-portion of the receptacle, after which by depressing the handles of the barrow, the V-portions of the barrow receive a V-portion of the receptacle. Further depression of the handles of the barrow result in the elevation of the receptacle from the ground so that it can be readily wheeled, while being installed effectively and safely upon the barrow. The V-shaped portions upon the barrow are so arranged that when the barrow assumes its normal position, the receptacle is vertical and appropriately balanced in relation to the wheels.

The receptacle may comprise a wooden frame and a detachable metal casing which may have handles so that the casing containing the contents may be readily lifted out.

In order that this invention may be clearly understood and readily carried into practice, reference may be had to the appended explanatory two sheets of drawings, upon which:—

Figure 1 illustrates in sectional elevation a barrow and receptacle according to the present invention, showing the same in the positions which they assume while being wheeled.

Fig. 2 illustrates in perspective the barrow shown in Fig. 1.

Fig. 3 illustrates separately the receptacle frame shown in Fig. 1.

Fig. 4 illustrates separately the receptacle shown in Fig. 1.

In a convenient embodiment of the present invention, I provide a barrow comprised essentially of two arms or beams *a* adapted to constitute handles at their rear extremities, and suitably mounted upon two wheels *b* at or near their fore extremities. To the fore parts of these beams metallic supporting members are secured, the extremities *c* of said supporting members being adapted to project upwardly to form rear rests or abutments for the V-shaped part *d* appertaining to the receptacle. Between the rear extremities *c* and the parts *e* which are secured to the side beams of the barrow, upstanding V-portions *f* are incorporated. It will be noted that the V-portions form the necessary V-trough, or recess, one on each side of the barrow, to receive the V-shaped parts *d* of the receptacle. The rearwardly extending arms of the V-shaped members serve to hold the same in applied position by extending along the side beams of the barrow and being secured thereto by any suitable means.

In the embodiment shown in the drawings, the extremities *c* are integral with the parts *e* which are secured directly to the side

beams of the barrow, and the V-portions *f* are integral with parts *h* which are secured above the parts *e*.

The receptacle conveniently involves a wooden frame *g* having four legs, one at each corner. Extending from end to end of the frame centrally of its width and disposed below the bottom thereof, is the V-shaped projecting portion *d* converging downwardly in transverse section. Said V-shaped portion may be solid and composed of woodwork, and it may be incased or covered with sheet metal. The V-shaped portion *d* is of shape or configuration adapted to conform with the internal shape or configuration of the V-shaped receiving portions upon the barrow so that when the V-shaped part of the receptacle is carried by the V-shaped portions of the barrow, said receptacle is effectively installed from lateral derangement. *i* is the receptacle proper which is adapted to be detachably received by the frame *g* and it is furnished with handles *j*.

The arrangement is such that when the barrow is being advanced toward the receptacle with the arms thereof in their elevated condition, the V-shaped receiving portions of the barrow cannot be advanced too far beyond the V-shaped lower portion of the receptacle, this being prevented by contact of the upper surfaces of the beams of the barrow with the side of the receptacle. After the barrow has been advanced thus far the depression of the handles results in the elevation of the V-shaped receiving portions in such a direction that they receive the V-shaped lower portion of the receptacle and afterward elevate the latter into the position for transport.

What I claim as my invention and desire to secure by Letters Patent is:—

1. Means for conveying goods including in combination a barrow provided with a recessed portion adjacent its lower edge and a receptacle formed with a rib along its lower surface, such rib being adapted to seat in the recess whereby to prevent any movement of the receptacle with respect to the barrow.

2. Means for conveying goods including in combination a barrow provided with a pair of side beams, and members extending upwardly from the ends of such beams, inverted V-shaped members positioned adjacent the ends of such beams and above the members whereby to form a recessed portion between the innermost portion of such members and the outermost portions of the V-shaped members, and a receptacle provided with a V-shaped rib along its lower face, such rib being adapted to seat within the recess aforementioned whereby to retain the receptacle in applied position upon the barrow.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

CHARLES WILLIAM GOODYEAR.

Witnesses:
ARTHUR H. BROWN,
E. WHEELER.