W. PATON.

BARROW.

APPLICATION FILED OCT. 21, 1907.

924,822. Patented June 15, 1909.

Fig. 1

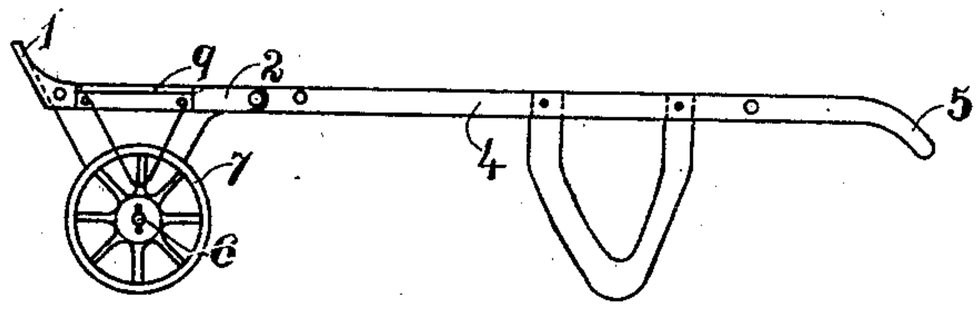


Fig. 2.

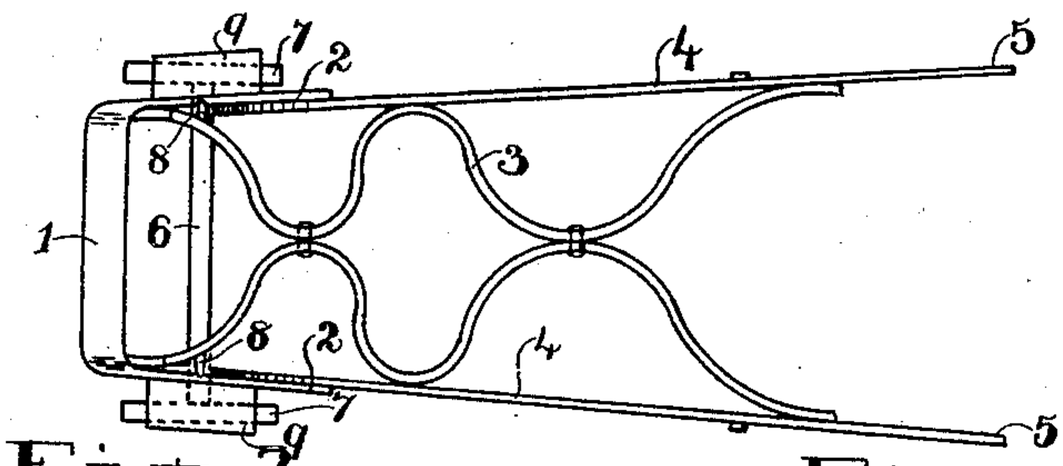


Fig. 3.

Fig. 6.

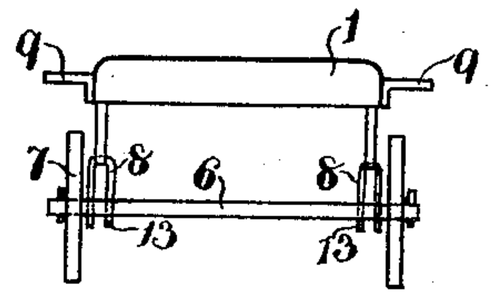


Fig. 4.

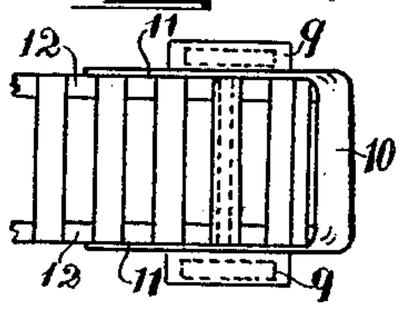
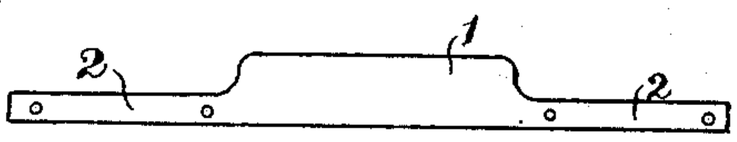


Fig. 5.



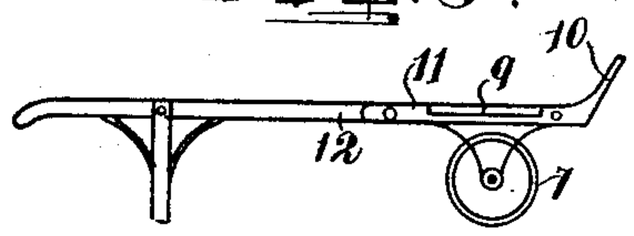
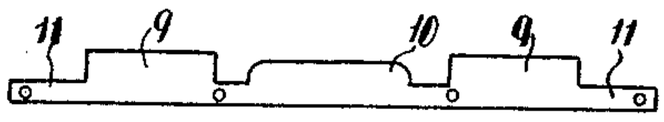


Fig. 7



WITNESSES

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UNITED STATES PATENT OFFICE.

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BARROW.

No. 924,822. Specification of Letters Patent. Patented June 15, 1909.

Application filed October 21, 1907. Serial No. 398,436.

To all whom it may concern:

Be it known that I, WILLIAM PATON, a subject of the King of England, and resident of Glasgow, Scotland, have invented Improvements in and Relating to the Construction of Barrows, of which the following is a specification.

This invention has reference to and comprises improvements in and relating to the construction of barrows of the type used by tradesmen for conveying goods such as sacks, boxes and packages, and by railway companies for luggage, and has for its object to simplify the construction of such barrows and to obviate the tendency of the front plate to break off at the bend as commonly constructed.

According to common construction the front plate which projects upward from the barrow body to support the articles placed thereon, is made in one flat piece with a strap or bar projecting from each end at right angles, in a U shape, and secured to the barrow frame which is usually of wood. To cause the front plate to project upward, the straps or bars are bent at their junction with the front plate and breakage often occurs at this bend.

In order that my invention and the manner of carrying same into effect or practice may be properly understood, I have hereunto appended a sheet of illustrative drawings, in which:—

Figures 1, 2 and 3 are side, plan and front views respectively of an iron or steel barrow constructed in accordance with my improvements, and Fig. 4 is a view of the front plate and its straps before being bent into shape. Fig. 5 is a side view, and Fig. 6 is a plan partly broken away, illustrating the application of my improved front plate to a wooden barrow, otherwise of ordinary construction, and Fig. 7 is a view of the front plate, straps and wheel guards, before being bent into shape.

Referring to these drawings:—According to my improvements to obviate the beforementioned tendency to breakage, the front plate 1, Figs. 1 to 4, is formed in one flat piece with straps or bars 2 extending from each end in a direction in line with the front plate 1 instead of at right angles thereto, and these straps 2 are bent at right angles, or approximately so, and are secured to the frame 3 of the barrow which may be of wood, but as shown is preferably of iron or steel construction as follows:—The side bars 4 of the barrow frame, each formed at one end as a handle 5, are bent downward and upward at their other ends in V shape, and the axle 6 for the wheels 7 is secured to their lowest part in any suitable manner, it may be by a staple shaped device 8 as shown in Figs. 1 to 3, passed through the axle 6 and secured by pins 13 or like means. The straps 2 of the front plate 1 are secured to the side bars 4 at the top of the front limb of the V bend, and to the straight part of the side bars 4 by bolting or riveting, and the side bars are connected together, preferably by undulating or equivalent bars riveted to the said bars and to one another in the center line. Small projecting guard plates 9 may be secured over the wheels in the usual manner. Preferably the whole is constructed of iron or steel, but wood may be employed where suitable, if desired. Supporting legs may also be fitted to the barrow, or they may be omitted as in the case of small varieties.

As illustrated by Figs. 5 to 7, the improved plate 10 may be applied to wooden barrows in which case the straps 11 may be secured to the wooden side bars 12, and the wheel guards 9 may be in one piece with the front plate and straps and be simply bent at right angles to the same.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:—

1. In a metal barrow, the combination of side bars, bound together and formed of a V shape at the front ends, a frame binding together the side bars, wheel axles on which the V shaped ends of the side bars rest, and a front plate secured to the side bars, substantially as described and shown and for the purpose set forth.

2. A metal barrow, comprising in combination, side bars having V shaped front ends and handles, a frame binding together the side bars, a front plate secured to the side bars, straps at the ends of the front plate for securing the latter to the side bars, an

axle secured to the V shaped front ends of the side bars, staple devices for securing the said V shaped front ends to the axle, wheels mounted on the axle, and guard plates secured to the side bars over the wheels, substantially as described and shown.

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

WILLIAM PATON.

Witnesses:
ROBERT THOMSON,
A. S. WRAIGHT.