Sept. 10, 1929. A. A. RUST 1,728,081

ICE CONVEYANCE

Filed Sept. 13, 1926

Fig. 1.

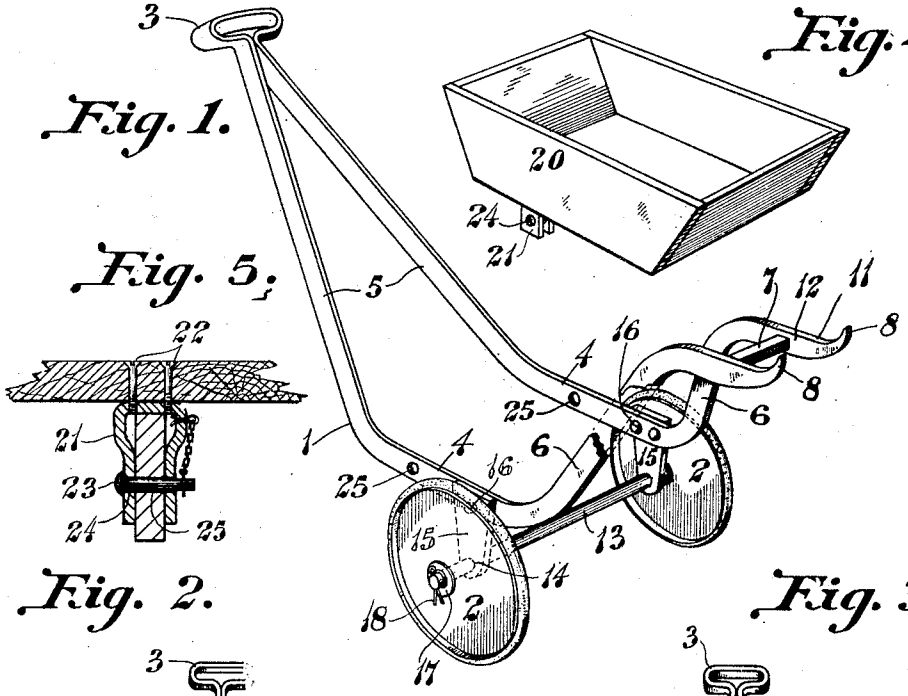


Fig. 4.

Fig. 5.

Fig. 2.

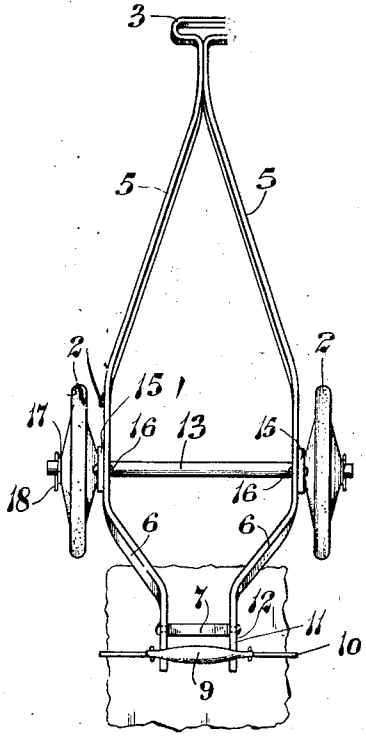
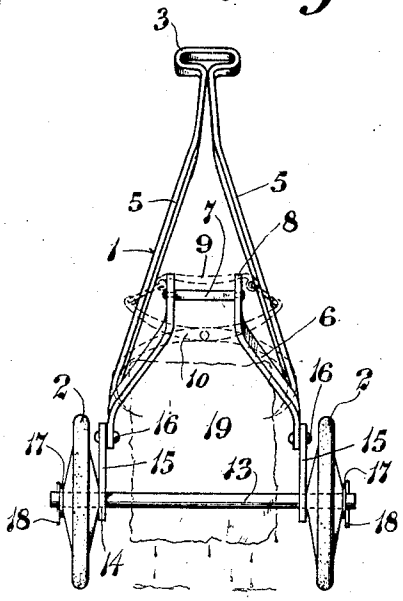


Fig. 3.



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UNITED STATES PATENT OFFICE.

ALBERT A. RUST, OF CINCINNATI, OHIO.

ICE CONVEYANCE.

Application filed September 13, 1926. Serial No. 135,001.

My invention relates to ice conveyances built especially for carrying small pieces of ice from the place of purchase to the home by individuals.

The main objects of this invention are to provide an ice conveyance which will be light in weight, sturdy in construction, which can be economically manufactured, so as to sell for a nominal cost and which is adapted for easy and convenient transportation of ice.

A further object of the invention is to provide a box which may be removably mounted on the frame of said ice conveyance for the purpose of carrying small articles, such as groceries at the same time the ice is being carried.

The invention consists in providing a frame work mounted on wheels, one end of which acts as a handle while the other end is designed to securely support or hold a pair of ice tongs in which a piece of ice can be carried.

The invention further consists in the construction, combination, location and arrangement of parts as herein set forth and claimed.

In the drawings:

Fig. 1 is a perspective view of the invention, the carrying box being removed and one of the ice tongs supporting arms shown broken away;

Fig. 2 is a plan view of Fig. 1 showing the ice tongs supported by the ice conveyance and holding a piece of ice;

Fig. 3 is a rear elevation of the same;

Fig. 4 is a perspective view of the parcel carrying box; and

Fig. 5 is a cross-section taken through the center of one of the box supporting and retaining means.

In the embodiment of my invention as illustrated and which shows a preferred construction, I provide an ice conveyance comprising frame 1 supported by wheels 2 and drawn by handle 3. When the ice is being manually drawn by handle 3 the central parts of frame 1 are approximately level or parallel with the ground. Handle shafts 5, connected with handle 3 and central parts 4, are bent upward from the latter at approximately 45°. The ice tongs supporting arms 6 extend upwardly and inwardly from the central parts 4 and are securely held in spaced apart relation to one another by spacing bar 7. The ends of said arms 6 terminate in hooks 8 for the purpose of holding handle 9, of ice tongs 10, upon the upper edges 11 of short arms 12.

Axle 13 is securely mounted beneath central parts 4 by passing through holes 14 in brackets 15, the latter being securely fixed to said parts 4 by rivets 16, as clearly shown in Fig. 1. Wheels 2 are rotatably mounted on the ends of axle 13 and are held thereon by washers 17 and cotter pins 18.

As illustrated by dotted lines in Fig. 3, the piece of ice 19 held by ice tongs 10 is carried by the short arms 12 when the conveyance is being drawn by handle 3.

In order to remove said ice 19 and tongs 10 from short arms 12, simply raise handle 3 until ice 19 rests on the floor and hooks 8 free handle 9 of tongs 10, whereby said conveyance can be readily withdrawn. To pick up ice 19, simply back the conveyance up against said piece of ice with handle 3 raised so that hooks 8 engage handle 9 of ice tongs 10, then lower handle 3 until short arms 12 raise the ice from the ground, as will be clearly seen by the drawing.

Having thus described my invention, it will be understood that certain changes and modifications can be made without departing from the scope or spirit of the claims, as for instance, a box 20 for carrying small articles, such as groceries, can be removably mounted on central parts 4 by U-shaped clips 21 fastened to said box 20 by screws 22 and which are secured to said parts 4 by pin 23 which passes through holes 24 in said clips 21 and holes 25 in central parts 4.

What I claim as new and desire to secure by Letters Patent is:

A conveyance for carrying ice supported by a pair of ice tongs, comprising an axle, a pair of wheels mounted thereon, upright brackets fixed to said axle, a metal frame bent between its ends to form a handle, the bifurcated spaced apart members then diverging downwardly from said handle to said brackets and attached to said brackets,

respectively, then extending upwardly and forwardly, then converging inwardly and extending forwardly parallel to each other and terminating in upwardly curved forwardly projecting pointed hooks adapted to readily engage the handle of said ice-tongs and to be easily withdrawn and disengaged therefrom by tilting said hooks downwardly relative to said axle and drawing the conveyance backwardly, substantially as set forth and for the purposes specified.

ALBERT A. RUST.