

1,423,366.

UNITED STATES PATENT OFFICE.

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COMBINED IRONING BOARD, STEPLADDER, AND HOUSE TRUCK.

1,423,366.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY C. SNOOK, a citizen of the United States, and resident of Independence, in the county of Montgomery and State of Kansas, have invented certain new and useful Improvements in Combined Ironing Boards, Stepladders, and House Trucks, of which the following is a specification.

My invention relates to a combined ironing board, stepladder, and house truck; and has for its object to provide an article of this kind that can be manufactured and sold at a moderate price. The greater convenience and saving of space of such an implement, over the three separate articles, will be obvious.

I have illustrated a preferred embodiment of the invention on the accompanying drawings, in which:—

Figure 1 is a side elevation with ironing-board attached in position for use, a portion of the truck- or ladder-frame being broken away; Fig. 2 is a top view of Fig. 1; Fig. 3 is a perspective of the parts arranged as a stepladder; Fig. 4 is a side elevation of the truck portion detached, a portion of one arm being broken away; Fig. 5 is a perspective detail view of one end of the cross-frame showing the movable pivot-pin; Fig. 6 is a bottom view of a portion of the ironing-board showing the part 29; and Fig. 7 is a perspective of said part detached.

The implement in its entirety comprises three principal parts:—a combined truck and ladder part A, a cross-frame B, and an ironing-board D.

To use the ironing board, the cross-frame B is mounted on frame A alone, and the board D is mounted on frame B.

To use as a self-supported ladder, the frame B is straightened out, as shown on Fig. 3, and the frames A and B arranged as therein shown.

To use as a house-truck, the frame A is disconnected from all other parts, and is then handled in the position shown by Fig. 4.

The frame A comprises a pair of arms 1, each provided with a handle 2; step-bars 3; and a board 4 serving as a top step for the ladder or as a support for objects carried by the truck. A pair of rollers 5 are mounted

on gudgeons 6 secured to the ends of arms 1 adjacent the board 4. These rollers hold said board clear of the floor when the truck is used.

The cross-frame B comprises two pairs of bars, 7 and 8, connected with pin-and-slot joints. Each bar 7 is provided with a headed pin 9. One end of the pair 7—7 is connected by a transverse iron bar 10, having projecting ends 10'. In the opposite end of each bar 7 is a perforation 12, to receive a connecting rod 13.

A longitudinal slot 14 is cut through each of the bars 8, to receive the ends of rod 13. The end of each slot is closed with a block 15. At the centre, the bars 7 are rigidly connected by a crossbar 16, having a central eye 17. A similar eye 18 is carried by the middle step 3 of the frame A. A brace-rod 19, having hooked ends, connects said eyes to complete the ladder.

The unslotted ends of the bars 8 are rigidly connected by a wooden bar 20. One bar 8 carries a fixed pivot-pin 21 which enters a hole 22 in one arm 1 of frame A (Fig. 1). The opposite side of said frame is provided with a retractable pivot-pin 23, slidable in a groove 24 in bar 20 and frictionally held by a plate 25 secured to said bar. The inner end of the movable pin 23 is bent to form a trigger 26 for shifting the pin, which enters a hole in the opposite member 1 of frame A.

To use as a truck, retract the pin 23 and detach the frame B. Inverted, the frame A now forms a truck adapted for conveying trunks, boxes, etc., about the house or along sidewalks.

Referring now to Fig. 1: A wooden strip 27, having a series of oblique notches 28 therein, is permanently fastened to the inner side of each arm 1 of frame A. The ironing-board D has secured to its under side near one end, a transverse metal strip 29 having a depending ear 30 at each end. Ears 30 are perforated to receive the ends of connecting rod 13, which is passed through said ears and through the holes 12 in bars 7, whereby the board is attached to frame B. Said frame is arranged in X form as shown, the ends 10' of bar 10 being placed in any pair of notches 28 desired, according to the height desired for the ironing-board. The latter is now

supported by rod 13 and the upper ends of bars 8, as shown. The handles 2, by resting on the floor, prevent the frame from rolling.

5 A lower position of the ironing-board and its support is shown in dotted lines.

Having described my invention, I claim as new and desire to secure by Letters Patent:

10 A combined ironing-board, step-ladder and truck, comprising a frame provided with handles and a pair of rollers; a pair of bars, each provided with a series of notches, said bars being secured to the inner faces of the longitudinal members of said frame; a
15 second frame pivotally connected to said first-named frame at points adjacent said rollers, said second frame comprising spaced longitudinal members each having a slot

therein at its free end, a third frame pivotally secured to said second frame by a rod 20 passing through said slots, said third frame having at its outer end a transverse bar adapted to seat in pairs of said notches, an ironing-board adapted to be mounted on said second and third frames in various adjusted 25 positions thereof, and a bolt for detachably securing said ironing-board in place, said bolt also serving to hold the longitudinal members of said second and third frames in alinement when adjusted to form a step-lad- 30 der.

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Witnesses:

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