(No Model.)

F. N. YOUNG & F. E. THOMPSON.

CARRIAGE BODY.

No. 410,477. Patented Sept. 3, 1889.

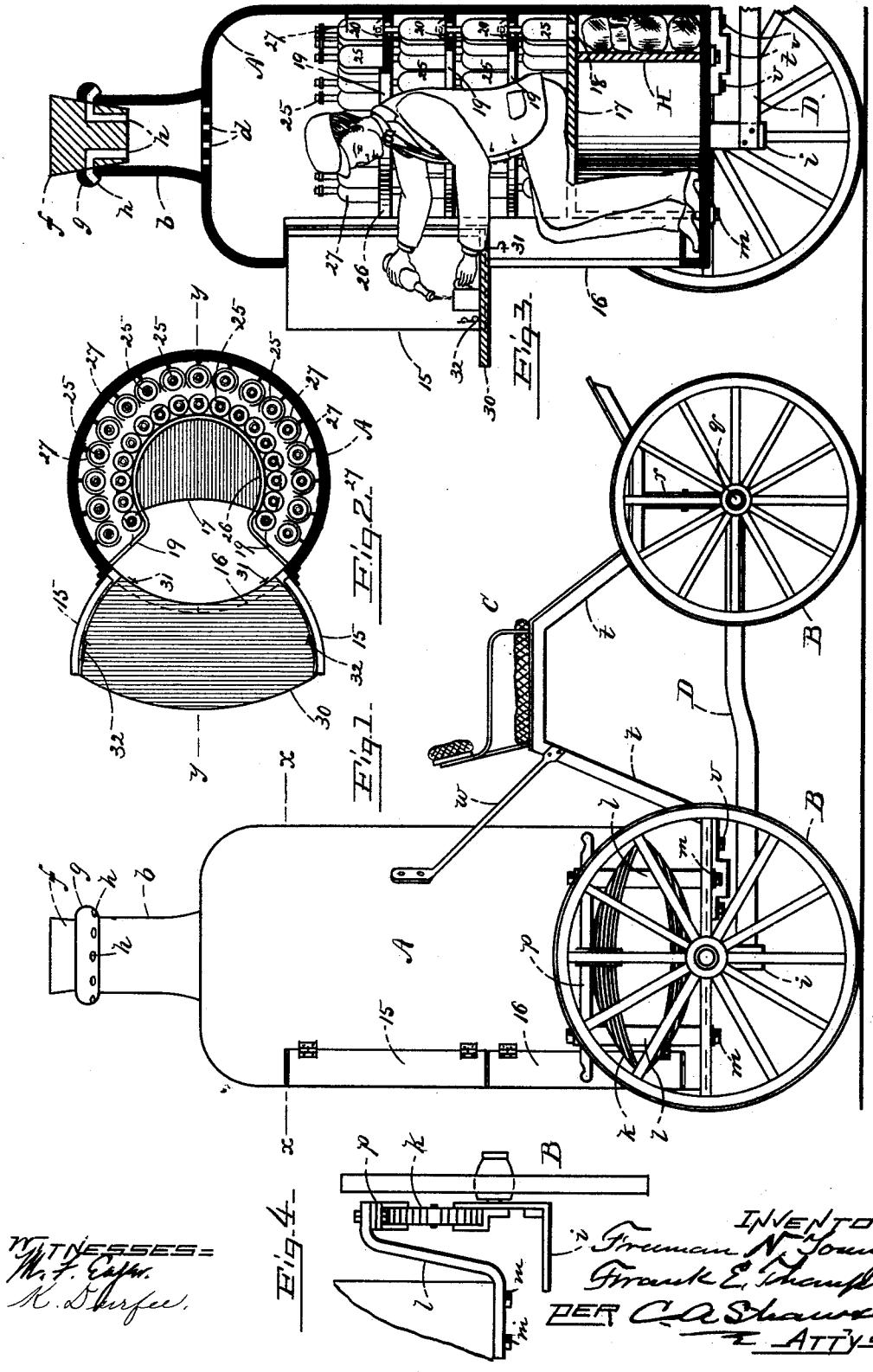


Fig. 3.

Fig. 2.

Fig. 1.

Fig. 4.

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CARRIAGE-BODY.

SPECIFICATION forming part of Letters Patent No. 410,477, dated September 3, 1889.

Application filed May 9, 1889. Serial No. 310,126. (No model.)

To all whom it may concern:

Be it known that we, FREEMAN N. YOUNG and FRANK E. THOMPSON, both of Lowell, in the county of Middlesex, State of Massachusetts, have invented a certain new and useful Improvement in Carriage-Bodies, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation of our improved carriage-body; Fig. 2, a horizontal section of the same, taken on line $x\ x$ in Fig. 1; Fig. 3, a vertical transverse section on line $y\ y$ in Fig. 2, and Fig. 4 a sectional view illustrating certain details of construction.

Like letters and figures of reference indicate corresponding parts in the different figures of the drawings.

Our invention relates to carriage-bodies which are designed especially for use in selling beverages; and it consists in certain novel features hereinafter fully set forth and claimed, the object being to produce a simpler, cheaper, and more effective device of this character than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A represents the carriage-body considered as a whole, B the wheels, and C the seat. The body A is cylindrical in form and is constructed to represent a bottle, being provided at its top with a hollow neck *b*, into which ventilation-holes *d* (see Fig. 3) open. The top of the neck *b* is closed by a plug *f*, formed to represent a stopple, and in said plug and the lip *g* of the bottle-neck are formed ventilation-ducts *h*. The rear axle *i* (see Fig. 4) of the carriage is bent or bowed downward, and an elliptical spring *k* is disposed longitudinally at each end thereof. Two hangers *l* are secured by bolts *m* to the bottom of the body A at each side thereof, said hangers being connected at their outer ends by a cross-bar *p*, which rests upon the spring *k*, thereby suspending said body above the curved axle *i*. A longitudinal brace D connects the rear axle *i* with the forward axle *q*, upon which is secured a transversely-arranged elliptical spring *r*. The seat C is supported by a frame *t*, the rear end of which is secured centrally by bolts *v* to the forward portion of the bottom of the body A, the forward end of said frame resting on the spring *r*. Brace-rods *w* connect the frame *t* with the body A. Two sets of curved doors 15 and 16 are formed in the rear wall of the body and hinged thereto, said doors being of sufficient height to admit a person into said body. Within the body is constructed a circular ice-chest H, its top 17 being detachable and extended to form a seat for the occupant. The cover directly over the chest H is provided with a series of air-openings 18, and above said chest there is formed a series of shelves 19, each shelf being provided with air-openings 20 in alignment with those of the chest. These shelves are of such distance from each other that when bottles 25, containing the beverages, are deposited thereon over said openings 18 or 20 their necks will protrude through the corresponding openings of the shelf above, said openings serving to hold the bottles in position. The upper shelf 19 is constructed sufficiently broad to hold two rows of bottles 25, as shown, and has a retaining-flange 26 on its outer edge. Holders 27, consisting of two wire arms, are secured to the wall of the body A, between which the bottles in the inner row on the upper shelf are forced and serve to hold them in position during transportation, it not being designed to place bottles in the outer row excepting for convenience of storage when the carriage is stationary. An adjustable shelf or counter 30 is circular in form and is adapted to be attached by its inner edge to the top of the lower doors 16 when closed by the hooks 31, its outer portion being secured to the open upper doors 15 by hooks 32.

In the use of our improvement the salesman enters the body A, closing the under doors 16, and adjusting the counter 30, as described. When seated on the cover 17, the position of the bottles 25 is convenient for ready disbursement of their contents. The openings 18 and 20 permit circulation of the

cold air from the chest H around the bottles, and the openings *d* and ducts *h* at the top of the body afford sufficient ventilation therefor.

By constructing the body of the shape described it is rendered especially useful as an advertising medium, designating the goods to the sale of which it is particularly applicable. It will be seen that the body A may readily be removed from the truck by withdrawing the bolts *m v* and disconnecting the braces *w*, thus permitting it to be used in places where it would be inconvenient to dispose the whole truck.

Having thus explained our invention, what we claim is—

1. A carriage-body constructed in the shape of a bottle and provided in its wall with hinged doors, substantially as and for the purpose set forth.

2. A carriage-body constructed in the form of a bottle, provided with a neck and stopple having ventilated ducts therethrough, and two sets of hinged doors in the rear wall of said body, substantially as and for the purpose set forth.

3. A carriage-body constructed in the form of a bottle and having doors in its walls, in combination with an ice-chest in said body provided with an elongated detachable cover forming a seat and provided with air-openings, substantially as described.

4. A carriage-body constructed in the form of a bottle having a neck and stopple provided with ventilation-ducts, two sets of hinged doors in the wall of said body, a counter adjustable on said doors, and an ice-chest formed in said body and provided with an elongated detachable cover, substantially as described.

5. A carriage-body constructed in the form of a bottle and provided interiorly with an ice-chest and bottle-shelves having openings and two sets of hinged doors in its rear wall, said body being suspended by hangers from springs on the axle of a wheel-truck, substantially as described.

6. In a device of the character described, a body constructed in the shape of a bottle having a neck and stopple, openings from the body into said neck, ducts through said stopple and neck, hinged doors in said body, a counter detachably secured thereto, an ice-chest within the body provided with a detachable elongated cover having air-openings, and a series of shelves having openings registering with those in said cover, substantially as described.

7. The body A, having the openings *d*, neck *b*, stopple *f*, and ducts *h*, in combination with the hinged doors 15 and 16 and the counter 30, detachably secured thereto, substantially as described.

8. The body A, provided with the doors 15 and 16, in combination with the chest H, having the cover 17, provided with openings 18, and the shelves 19, provided with the openings 20, substantially as described.

9. The body A, provided with the doors 15 and 16, in combination with the wheels B, axles *i q*, brace D, and springs *k*, and the hangers *l*, secured to said body and springs, substantially as described.

10. The wheels B and axles *i q*, connected by the brace D, in combination with the springs *k r*, bottle-shaped body A, suspended from the springs *k* by hangers *l*, and the seat C, secured to said body and spring *r* by the frame *t*, substantially as described.

11. In a device of the character described, the combination of the body A, provided with doors 15 and 16 and counter 30, the chest H, having the cover 17, the shelves 19, provided with openings 20, and the hangers *l*, for suspending said body on the springs of a wheel-truck, substantially as described.

12. The carriage-body A, constructed in the shape of a bottle, having neck *b* and stopple *f*, provided with the openings *d h*, the doors 15 and 16, the counter 30, detachably secured thereto by hooks 31 and 32, the chest H and cover 17, having openings 18, and the shelves 19, having the openings 20, substantially as and for the purpose set forth.

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