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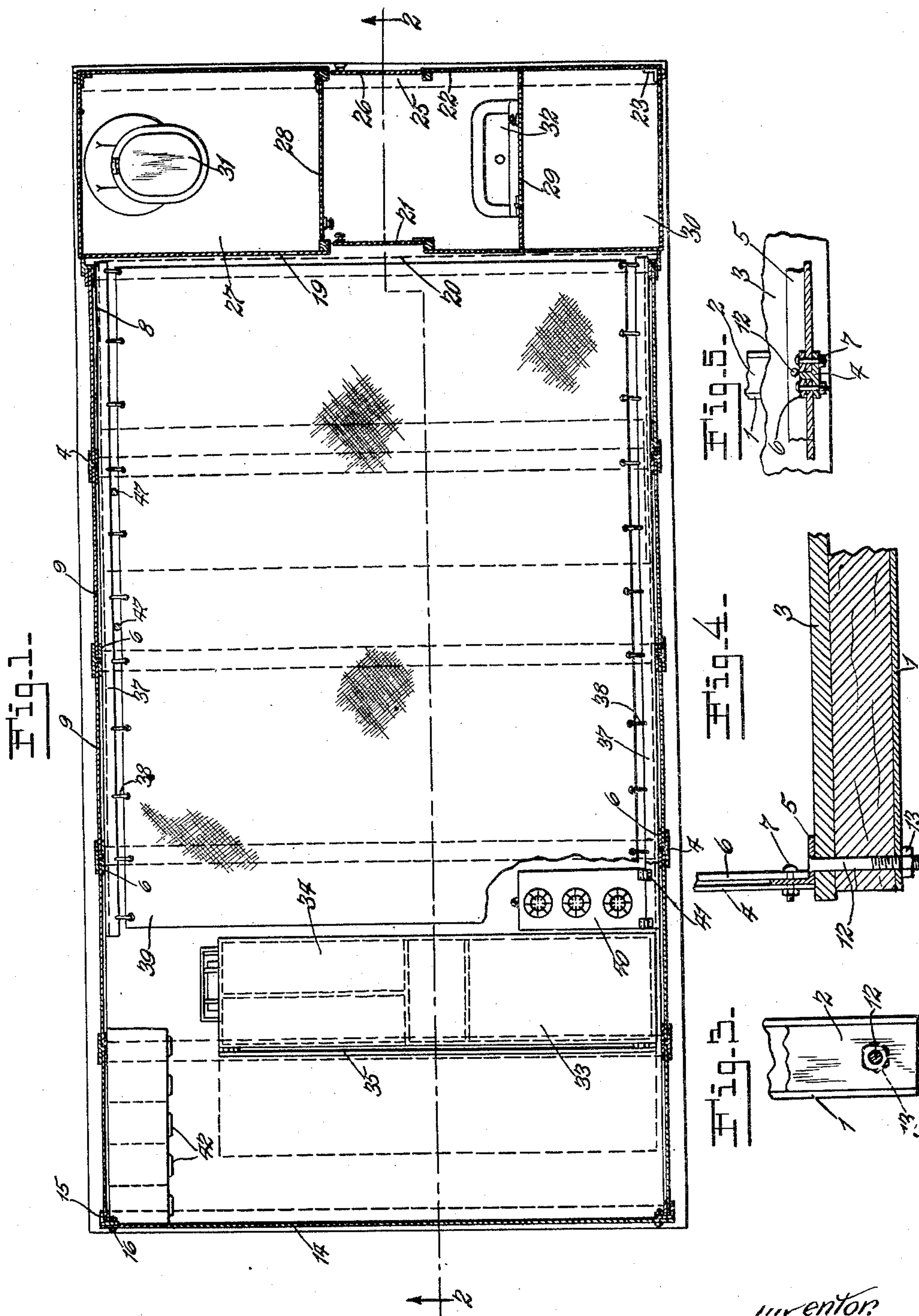
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TOURIST VEHICLE BODY

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2 Sheets-Sheet 1



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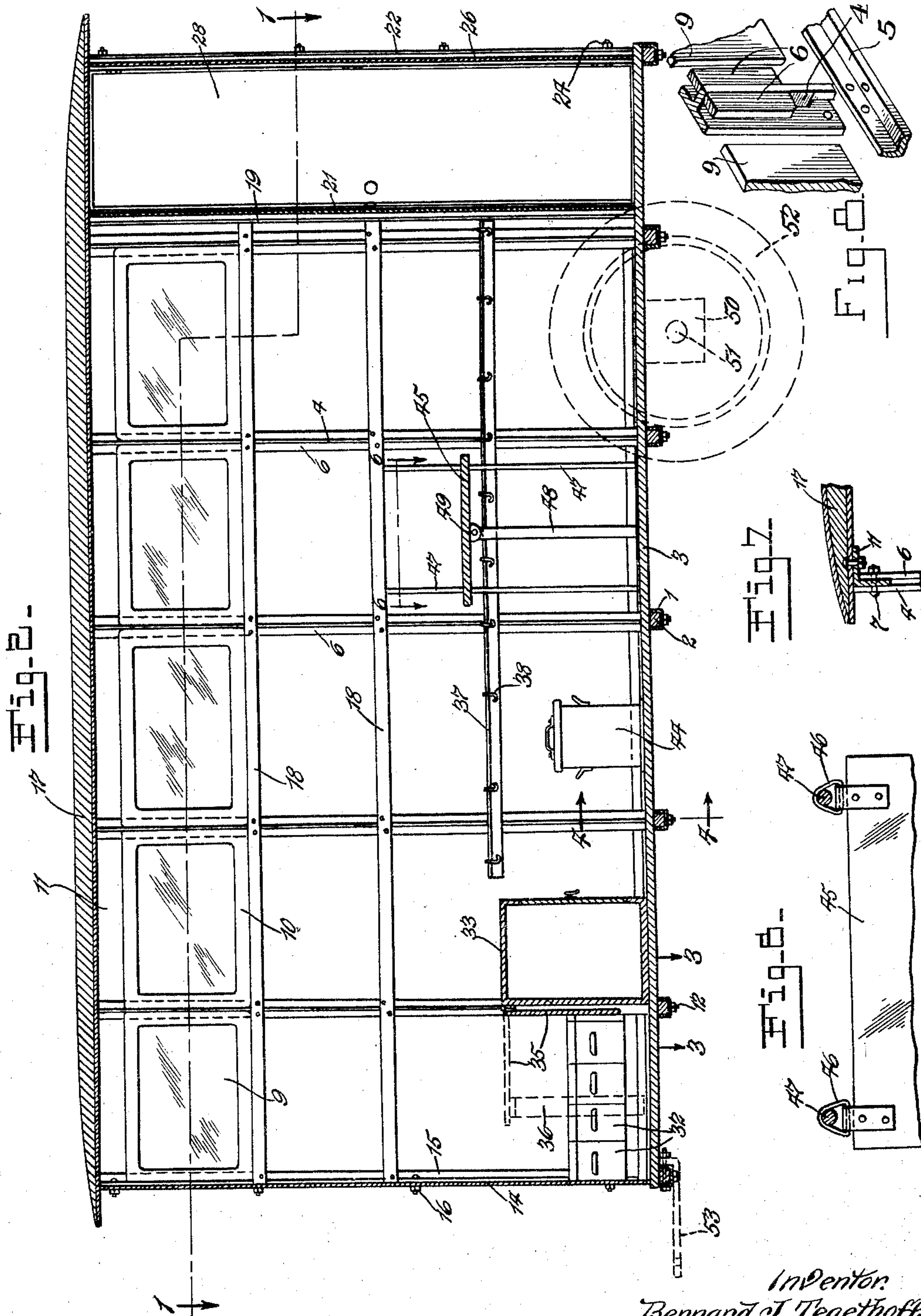
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UNITED STATES PATENT OFFICE

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TOURIST VEHICLE BODY

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This invention relates to tourist vehicle bodies.

An object of the invention is to provide an improved vehicle body having the walls thereof assembled by means permitting easy separation of the walls, so that the vehicle body may be dismantled and the walls arranged and stored in side by side relationship, so that they will occupy very little space when not in use.

Another object of the invention is to provide an improved vehicle body possessing the conveniences and other advantages that will be made apparent by the following description read in connection with the annexed drawings.

Another object of the invention is to provide an improved tourist vehicle body constructed so that it may be converted to many uses by the proper placement and arrangement of suitable equipment, all of which will appear from the following description, reference being made to the drawings, in which—

Fig. 1 is a sectional view approximately on the line 1—1 of Fig. 2.

Fig. 2 is a vertical sectional view approximately on the line 2—2 of Fig. 1.

Fig. 3 is a view showing one of the floor supporting frame members of the vehicle body looking downwardly on the line 3—3 of Fig. 2.

Fig. 4 is an enlarged sectional view on the line 4—4 of Fig. 2.

Fig. 5 is a detail view showing a table supporting construction included in the invention.

Fig. 6 is a view showing one end of a table and retaining devices therefor.

Fig. 7 is a detail sectional view showing the detachable connection of the roof with the upper ends of the upright frame bars.

Fig. 8 is an expanded perspective view showing the connection between the upright and longitudinal frame members.

The construction shown comprises a series of transverse metallic channel bars 1 opening upwardly and each confining a wood floor joist 2. Thus, each floor joist comprises a metallic channel bar 1 and a wood

portion 2 confined within the channel bar. The metallic channel bar provides great strength without the necessity of using large or heavy joist members, and the wood portions 2 provide penetrable portions of the floor joists into which nails may be driven to secure the flooring thereto.

The floor 3 may be extended longitudinally of the vehicle and the members thereof extended transversely of the floor joists and attached thereto by nails or other suitable fastening devices. Thus, a very strong floor is obtained without great weight.

The side walls of the vehicle body are of duplicate construction and have their lower edges detachably secured to the floor adjacent to the longitudinal edges of said floor. Each side wall comprises a series of upright metallic T-bars 4 having the stems of the T's extending inwardly. The lower ends of the T-bars are split so as to receive the vertical flanges of longitudinal metallic angle bars 5. The vertical flanges of the angle bars 5 extend into the splits in the lower ends of the upright T-bars. These splits in the lower ends of the upright T-bars are formed at the union of the stems of the T's with the cross flanges thereof. A pair of upright bars 6 are provided for each upright T-bar. The upright bars 6 are arranged at opposite sides of the stems of the T-bars and have their lower ends on the inner sides of the upright flanges of the angle bars 5. Thus, the bars 6 are spaced from the outer portions of the T-bars a distance equal to the thickness of the upright flanges of the angle bars 5. Bolts 7 attach together in a unitary construction the lower ends of the bars 4 and 6 and the angle bar 5 (Fig. 4).

The spaces between the bars 6 and 4 constitute guides for wall plates 8 which have their ends enclosed in said spaces. Thus, a complete wall may be formed by sliding the ends of the plates 8 into the spaces between the bars 4 and 6, the lower edges of the lower plates 8 seating upon the upper edge of the vertical flange of the bar 5.

Above the wall plates 8 in each side wall, window panels 9 may be mounted in any suitable way. These panels may be mounted

in frames 10 engaged properly with the bars 4 and 6. The upper ends of the bars 4 and 6 are connected to each other in rigid relationship by a longitudinal member 11 attached thereto similar to the way in which the angle bar 5 is attached to the lower ends of said bars 4 and 6.

The angle bars 5 are laid longitudinally upon the floor and are provided with rigid downwardly extending threaded members 12, which extend through the floor 3 and through the wood sill members 2 and through the metallic channel member 1 (Fig. 4). Nuts 13 are screwed on the lower ends of the parts 12 and clamp the walls in connection with the floor, so that a rigid construction is obtained.

The end wall plate 14 is attached to the corner uprights 15 by bolts 16. A top wall or roof 17 for the vehicle body is located in rigid connection with the upper ends of the frame bars described.

A series of longitudinal bars 18 are bolted to the upright frame bars at spaced intervals to form a strong frame construction for the side walls. The fasteners 16 permit detachment of the end wall 14, and the top wall or roof 17 is also detachable and may be removed.

A partition 19 is located near the rear of the vehicle body and is provided with a door opening 20 which may be opened and closed by a door 21. The end wall 22, like the end wall 14, is bolted to the corner upright frame members 23 by bolts 24 and may be removed to permit the device to be dismantled. The wall 22 has a door opening 25 which may be opened and closed by a door 26.

A compartment 27 is formed between the partition 19 and the end wall 22 and access thereto is obtained through a door 28.

A hinged partition or door 29 extending from the wall 19 to the wall 22 provides a closet 30 to which access may be had by swinging the partition 19 open. Toilet fixtures 31 and 32 may be conveniently located in the compartment 27 and adjacent to the closet 30, respectively.

An ice box 33 provided with food compartments 34 may be located near the opposite end of the vehicle and provided with a flat top wall (Fig. 2). A table leaf 35 is hinged to the top wall 33 and may be folded down to vertical position, as shown by solid lines in Fig. 2, or raised to horizontal position in alinement with the top wall of the ice box and supported in such position by legs 36.

Angle bars 37 are bolted to the opposite side walls of the device and are equipped with hooks 38 designed and adapted to be engaged by the eyeleted edges of a strong section of canvas or other appropriate material to constitute a bed 39. The bed 39 may be readily detached from and applied to the hooks 38 and, when in position, is in alinement with the

upper wall of the ice box 32 and with the table 35, so as to form a continuous support for a mattress or other bedding material.

A stove 40 is connected by hinges 41 with one of the side walls of the device so that the stove may be folded up to flat position against the side wall when not in use. When the stove is in use it is extended laterally as shown in Fig. 1.

A series of drawer receptacles 42 is provided in the enclosure opposite from the end of the ice box 33. The enclosure also affords room for a device 44 which may be a fireless cooker or other removable equipment.

A table 45 has rings 46 engaging a pair of rigid uprights 47. The rings 46 are pivoted to one end of the table so that the table may be folded to vertical position against the side wall of the vehicle, or supported in horizontal position by legs 48, as desired. The legs 48 are preferably permanently connected with the table by pivots 49.

Bearing blocks 50 for the axle 51 of wheels 52 may be attached to the floor at some convenient position. These wheels may be of the familiar automobile type of wheels and provided with pneumatic tires, so that the vehicle body may be towed along at the rear of the usual automobile. For such purpose, I provide a supporting bar 53 projecting from the front end of the vehicle body for connection with some connecting part at the rear of the automobile.

The principal parts of this invention, comprising the floor, the side walls, the end walls and the roof, are all detachable, being secured together by removable bolts so that when the device is not in use the structure may be dismantled and the walls stored or stacked in vertical positions, side by side, so as to occupy little room. The different walls forming the device may be readily assembled for use when desired.

The fixtures, constituting conveniences, are also removable from the walls and floor construction, so that they will not interfere with the arrangement of the various walls and other parts in side by side arrangement, as described.

The construction and arrangement of the elements comprising this invention may be varied without departure from the nature and principle thereof. I do not restrict myself in unessential respects, but what I claim and desire to secure by Letters Patent is:—

1. A tourist vehicle body comprising a floor, a pair of angle bars detachably secured to the side edges of said floor and each having an inwardly extended flange and a flange extending upwardly, upright T-bars having their lower ends attached to said bars and having their stems extending across said bars, upright bars cooperating with said T-bars to form guides, plates having their ends extending between said T-bars and said

last named bars and supported thereby, and means holding the upper ends of said T-bars in rigid relationship.

2. A tourist vehicle body comprising a floor, a pair of angle bars detachably secured to the side edges of said floor and each having an upwardly extended flange, upright T-bars having splits in their lower ends receiving said anges of said angle bars, upright bars spaced from said T-bars, fasteners extending through and securing together said T-bars, said angle bars and said last named bars, and wall plates having their ends extending into said spaces between said T-bars and said last named bars and having their lower edges seated upon said flanges of said angle bars.

3. A tourist vehicle body comprising a floor, a pair of angle bars rigidly connected with the side edges of said floor and each having a laterally extended flange and a flange extending upwardly, upright T-bars, upright bars cooperating with said T-bars to form guides, means attaching the lower ends of said T-bars and said upright bars to said angle bars in a relationship in which the stems of said T-bars extend across the upwardly extended flanges of said angle bars, plates having their ends extending between said T-bars and said last named bars and supported thereby, and means holding the upper ends of said T-bars in rigid relationship.

4. A tourist vehicle body comprising a floor, a rigid longitudinal frame member extending upwardly from each side portion of said floor, two longitudinal series of bars extending upwardly at each side of said floor along each of said frame members, fasteners attaching the lower ends of all of said upright bars to said frame members respectively, plates having their ends extending between and engaging the two series of bars that are attached to each of said frame members and having their lower edges resting upon said frame members, longitudinal elements rigidly connecting the two longitudinal series of bars at each side, and means other than said elements holding the upper ends of the bars of said two longitudinal series in rigid relationship.

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