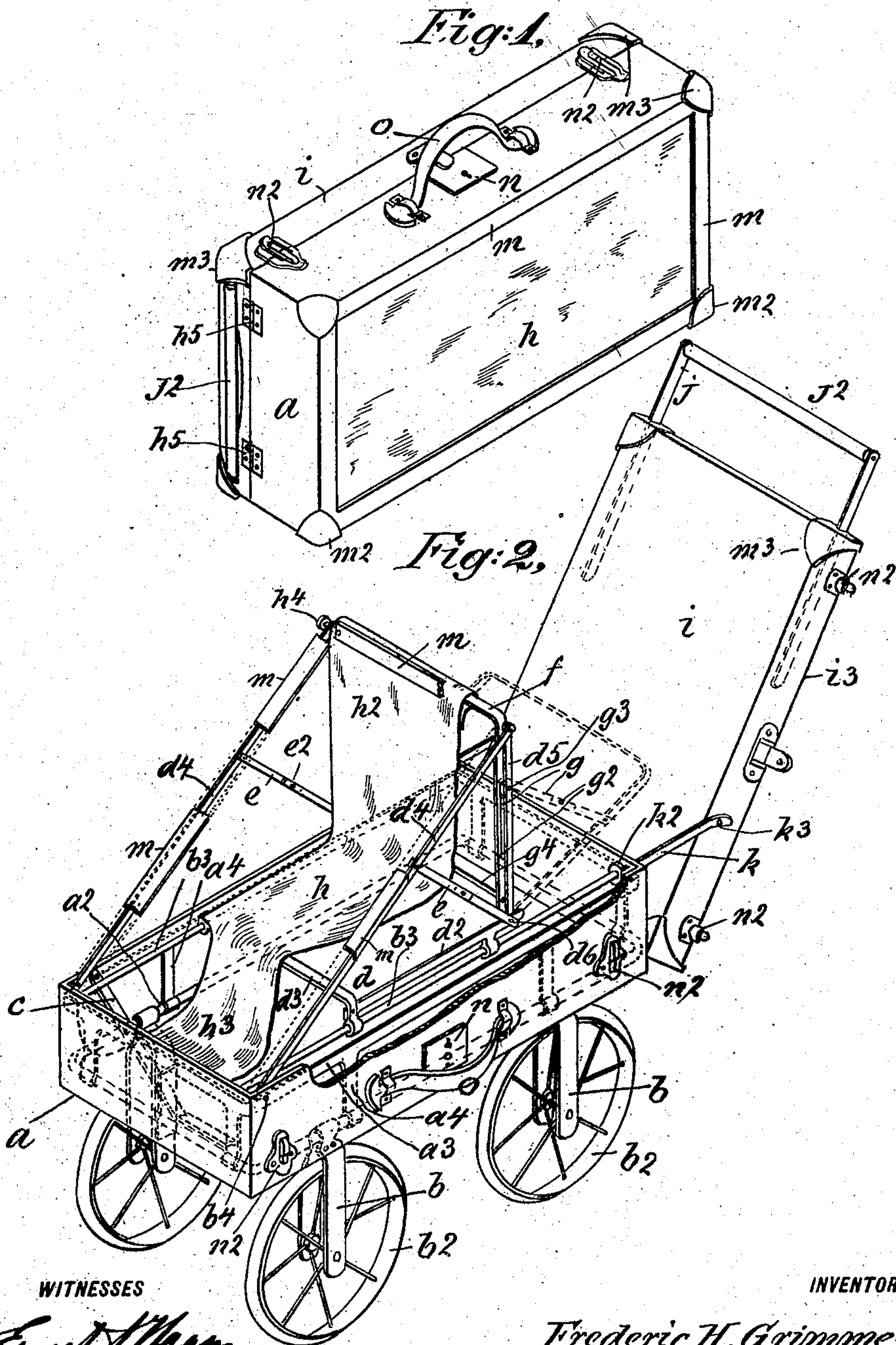


No. 855,000.

PATENTED MAY 28, 1907.

F. H. GRIMMER.
BABY WAGON OR GO CART.
APPLICATION FILED APR. 23, 1906.

2 SHEETS—SHEET 1.



WITNESSES

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2 SHEETS—SHEET 2.

Fig. 3,

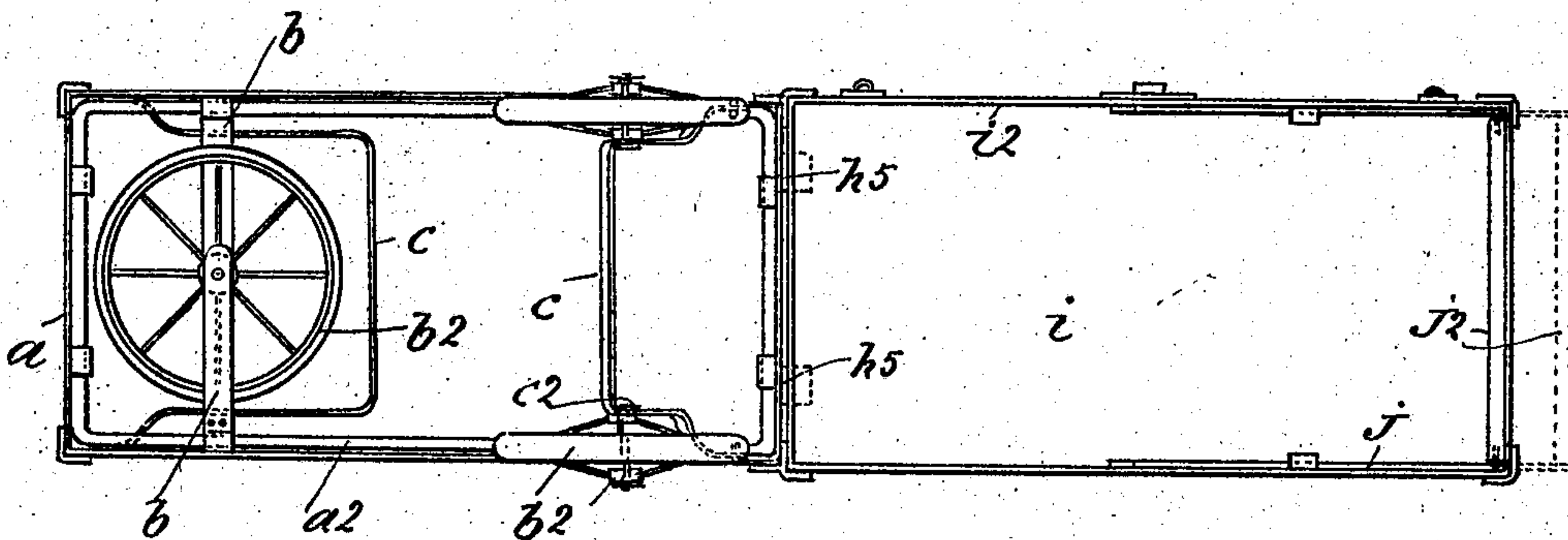


Fig. 4,

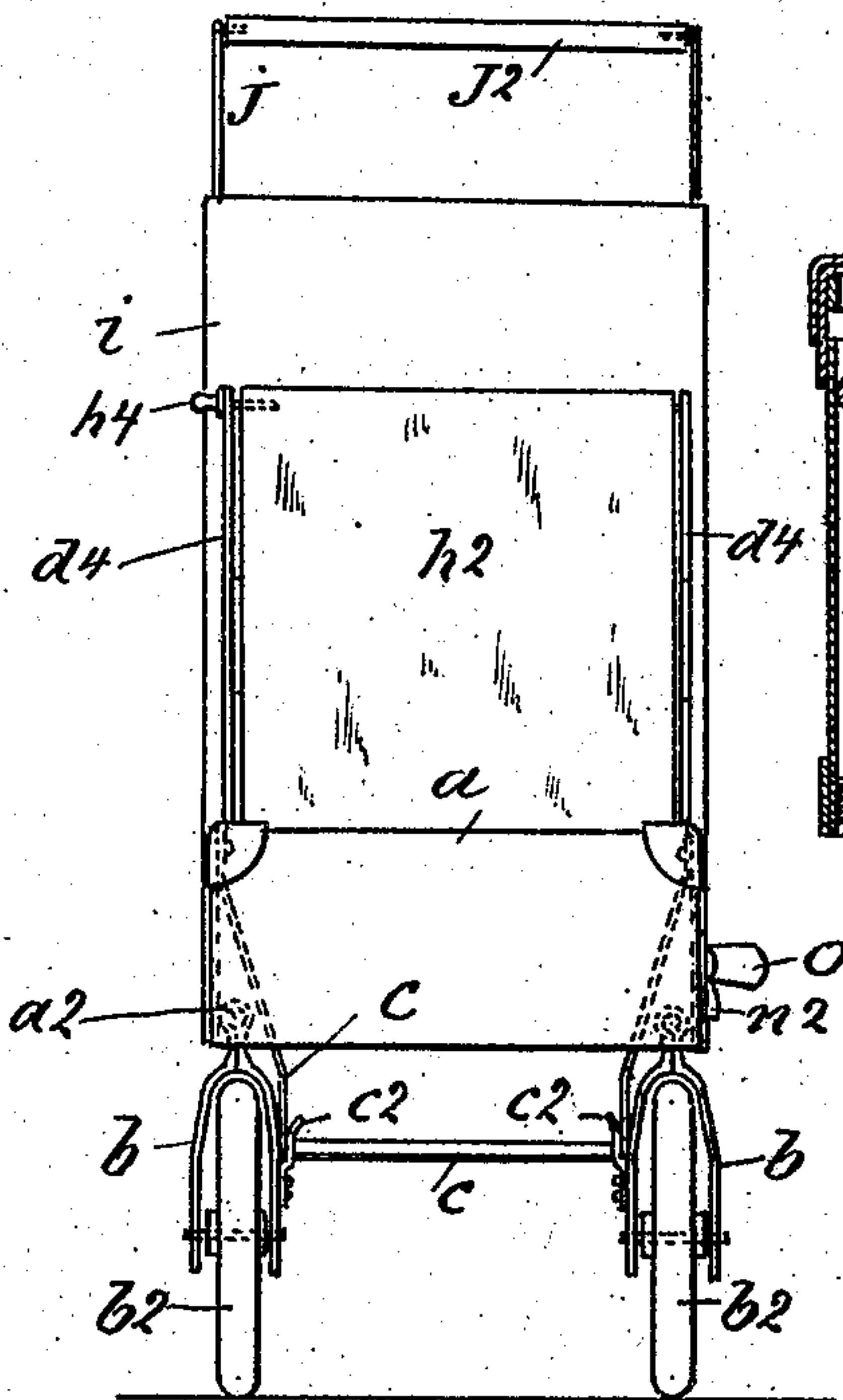
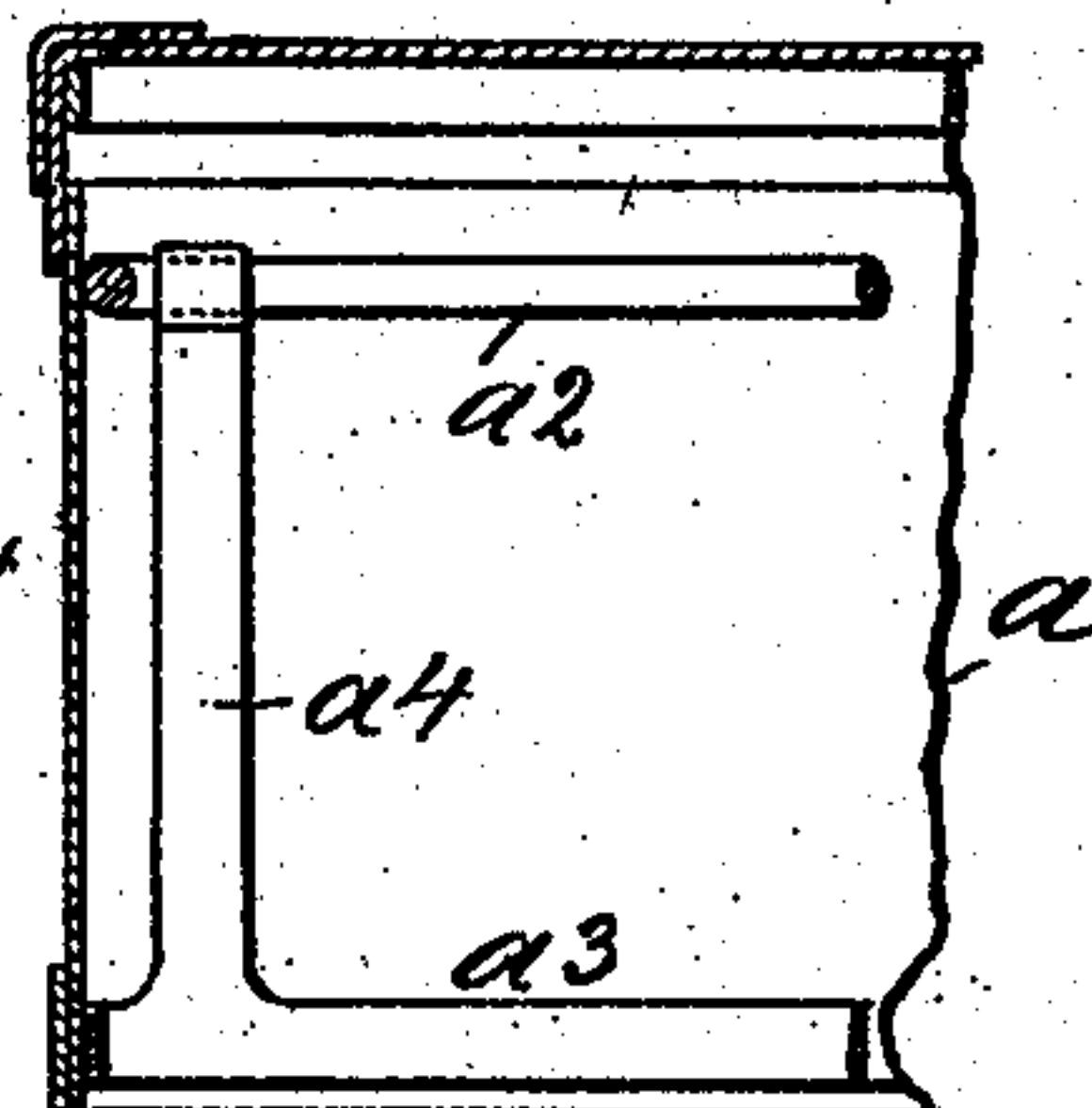


Fig. 5,



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FREDERIC H. GRIMMER, OF BROOKLYN, NEW YORK.

BABY-WAGON OR GO-CART.

No. 855,000.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed April 23, 1906. Serial No. 313,162.

To all whom it may concern:

Be it known that I, FREDERIC H. GRIMMER, a citizen of the United States, and residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Baby-Wagons or Go-Carts, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to baby wagons or go-carts, and the object thereof is to provide an improved device of this class which may be completely folded into the form of a dress suit case and carried about, when desired, as such; a further object being to provide a baby wagon or go-cart of the class specified which is simple in construction and operation and adapted to be folded compactly into a box or case form and to be conveniently carried or shipped from point to point, or from one place to another and which may be conveniently and easily extended for use as a baby wagon or go-cart whenever desired.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which;—

i. Figure 1 is a perspective view showing my improved baby wagon or go-cart folded into the form of a dress suit case; Fig. 2 a similar view showing the device extended for use as a baby wagon or go-cart; Fig. 3 a bottom plan view of the device as shown in Fig. 2 and showing the parts thereof partly folded; Fig. 4 a front end view of the device as shown in Fig. 2; and, Fig. 5 a partial transverse section of the device as shown in Fig. 1.

In the practice of my invention I provide an oblong rectangular box-shaped case *a* composed of leather and reinforced on the inside thereof by a metal frame composed of a rod *a*² and bar *a*³ connected by strips *a*⁴. Suspended from the rod *a*² of the inner metal frame of the box or case *a* are yoke-shaped hangers *b* in which are mounted the wheels *b*², and said yoke-shaped hangers *b* are free to swing on the rods *a*², and pivoted to the opposite end portions of the bar *a*³ of the reinforcing inner frame of the box or case *a* are yoke-shaped locking devices *c* which are adapted to engage with spring catches or supplemental locking devices *c*² secured to the inner sides of the yoke-shaped hangers *b*

and to hold said hangers and the wheels *b*² in operative position as shown in Fig. 2, and when it is desired to fold the parts of the device together the yoke-shaped locking devices *c* are raised within the box or case *a*, said yoke-shaped locking devices being folded inwardly and the separate yoke-shaped hangers *b* with the wheels *b*² may then be folded inwardly transversely of the box or case *a* and into said box or case, the front hangers *b* and wheels *b*² and the corresponding yoke-shaped locking devices *c* being shown as so folded in Fig. 3.

Within the top portion of the box or case *a* when opened and at the opposite sides thereof are secured parallel rods *b*³, and I also provide a foldable seat frame which is of the following construction. Mounted on the rods *b*³ and movable thereon is a frame *d* comprising side bars *d*² connected by a transverse bar *d*³, and pivoted in the front top corners of the box or case *a* and to the reinforcing frame member *a*³ as shown at *b*⁴ are side bars *d*⁴ to the rear end portions of which are pivoted bars *d*⁵ which are also pivoted to the frame *d*, or to the rear end thereof at *d*⁶. The rear end portion of the frame *d* and the bars *d*⁴ are also connected by link members *e* pivoted together at *e*², and pivoted in the rear end portion of the frame *d* is a yoke-shaped frame member *f* the cross head portion of which is directed upwardly and the side portions of which are connected with the bars *d*⁵ by links *g* pivoted together at *g*² and pivoted to the bars *d*⁵ and the sides of the yoke-shaped frame member *f* at *g*³, and the sides of the yoke-shaped frame member *f* are preferably connected at their pivotal connection with the frame *d* by a transverse rod *g*⁴.

A sheet *h* of leather is connected with the front end portion of the box or case *a* and with the top cross head portion of the yoke-shaped frame member *f*, and when the parts are in the position shown in Fig. 2 the said sheet of leather forms, in connection with the seat frame, a seat for the vehicle together with a back *h*² and foot support *h*³, and the back *h*² may be held in an upright position as shown in full lines in Fig. 2, or in a downwardly and backwardly inclined position as shown in dotted lines in said figure, the latter position being designed in order to support the occupant of the vehicle in a reclining position if desired, and the parts *d*⁴ and *d*⁵ of the seat frame are provided at *h*⁴ with inwardly directed pins which also form the piv-

total connection of said parts, and these pins are adapted to enter corresponding holes in the yoke-shaped frame member *f* so as to hold the parts in the position shown in full lines in Fig. 2, if desired, while the said parts are held in the position shown in dotted lines in said figure by the link members *e* and *g*.

The parts *d*⁴ and *d*⁵ of the seat frame are composed of spring metal and are so connected that the pins *h*⁴ will be automatically held thereby in the yoke-shaped frame member *f* when the parts are in the position shown in full lines in Fig. 2, and the seat frame members *d*⁴ and *d*⁵ may be sprung outwardly for disconnecting said parts from the frame member *f* when desired.

Hinged to the bottom rear end portion of the box or case *a*, and to the transverse part of the rod *a*² of the inner reinforcing frame of said box or case, as shown at *h*⁵, is a rectangular case member *i* composed of an inner frame *i*² covered with leather *i*³, the frame *i*² being shown in Fig. 3, and the frame with its cover in Figs. 1, 2 and 4, and this case member *i* is adapted to serve as means for propelling the vehicle when the parts are in the position shown in Fig. 2 by hand, and when the parts are folded together as shown in Fig. 1, they form one part of a complete box or case which resembles a dress suit case, the other part being formed by the box or case member *a* and the sheet *h* of leather which forms the seat of the vehicle when the parts are in the position shown in full lines in Fig. 2, and the part *i* is provided with an adjustable yoke-shaped member *j* having a transverse handle member *j*².

Mounted on the rods *b*³ in the top portion of the box or case member *a* are spring arms *k* having head members *k*² through which said rods pass, and when the parts are in the position shown in Fig. 2 the spring arms *k* are drawn back and connected with the sides of the member *i*, said spring arms being provided with pins *k*³ adapted to enter corresponding holes in the sides of the member *i*, or this connection may be made in any desired manner, and when the parts are folded together as shown in Fig. 1 the spring arms *k* are slid into the box or case *a*.

The parts *d*⁴ and *f* of the seat frame construction are provided with a binding or covering *m* of leather having corner pieces *m*², said binding or covering of leather being L-shaped, or substantially so, in cross section, and when the parts are folded together as shown in Fig. 1 the binding or covering *m* and the corner pieces *m*² together with the sheet *h*, inclose the top portion of the box or case *a* and conceal the seat frame and other inner parts and in connection with corner pieces *m*³ on the case member *i* give to the device the complete appearance of a dress suit case, and the parts *a* and *i* are also provided with a lock *n* and with catches *n*² similar to the corre-

sponding parts with which a dress suit case is usually provided, and one side of the box or case *a* is provided with a handle *o*.

The binding *m* of the seat frame which is secured to the parts *d*⁴ and *f* is partially shown in full lines, and partially indicated in dotted lines in Fig. 2 so as to more clearly show the operative parts, but in Fig. 1 the said binding is shown in full lines.

It will thus be seen that by means of my invention I provide a baby wagon or go-cart which may be folded into the complete resemblance of a dress suit case whenever desired, or extended for use as a go-cart or baby wagon whenever required, and it will also be apparent that various changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages, and I reserve the right to make all such alterations therein as fairly come within the scope of the invention.

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

1. A baby wagon or go-cart composed of parts adapted to be folded together to form an oblong rectangular box or case and comprising a main frame composed of parallel sides and parallel end members, rods rotatably mounted longitudinally of the opposite sides of the frame and in the bottom portion thereof when the wagon or go-cart is in use, wheel hangers connected with said rods and adapted to turn therewith, wheels mounted in said hangers and adapted to be folded into the frame, stationary rods mounted longitudinally of the opposite sides of the frame and in the top portion thereof when the wagon or go-cart is in use, a slide seat frame mounted on said stationary rods, seat frame members pivoted to said slide frame and to the front end portion of the main frame and adapted to be folded into different positions in said frame and provided with a flexible sheet which forms in one position the bottom and back of the seat and in another position the one side of the box or case when the separate parts of the device are folded together to form said box or case, and a box or case member hinged to one end of said frame and adapted to be folded so as to form in one position the other side of the box or case when the separate parts of the device are folded together to form said box or case and into another position to form means for propelling the wagon or go-cart.

2. A baby wagon or go-cart composed of parts adapted to be folded together to form an oblong rectangular box or case and comprising a main frame composed of parallel sides and parallel end members, rods rotatably mounted longitudinally of the opposite sides of the frame and in the bottom portion thereof when the wagon or go-cart is in

use, wheel hangers connected with said rods and adapted to turn therewith, wheels mounted in said hangers and adapted to be folded into the frame, stationary rods mounted longitudinally of the opposite sides of the frame and in the top portion thereof when the wagon or go-cart is in use, a slide seat frame mounted on said stationary rods, seat frame members pivoted to said slide frame and to the front end portion of the main frame and adapted to be folded into different positions in said frame and provided with a flexible sheet which forms in one position the bottom and back of the seat and in another position the one side of the box or case when the separate parts of the device are folded together to form said box or case, and a box or case member hinged to one end of said frame and adapted to be folded so as to form in one position, the other side of the box or case when the separate parts of the device are folded together to form said box or case and into another position to form means for propelling the wagon or go-cart, said box or case member and said main frame being provided with means whereby when all the parts are folded together a complete closed oblong rectangular case is produced.

3. A baby wagon or go-cart composed of parts adapted to be folded together to form an oblong rectangular box or case and comprising a main frame composed of parallel sides and parallel end members, rods rotatably mounted longitudinally of the opposite sides of the frame and in the bottom portion thereof when the wagon or go-cart is in use, wheel hangers connected with said rods

and adapted to turn therewith, wheels mounted in said hangers and adapted to be folded into the frame, stationary rods mounted longitudinally of the opposite sides of the frame and in the top portion thereof when the wagon or go-cart is in use, a slide seat frame mounted on said stationary rods, seat frame members pivoted to said slide frame and to the front end portion of the main frame and adapted to be folded into different positions in said frame and provided with a flexible sheet which forms in one position the bottom and back of the seat and in another position the one side of the box or case when the separate parts of the device are folded together to form said box or case, and a box or case member hinged to one end of said frame and adapted to be folded so as to form in one position the other side of the box or case when the separate parts of the device are folded together to form said box or case and into another position to form means for propelling the wagon or go-cart, said box or case member and said main frame being provided with means whereby when all the parts are folded together a complete closed oblong rectangular case is produced, and said box or case member being also provided with an adjustable handle device.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 20th day of April 1906.

FREDERIC H. GRIMMER

Witnesses:

F. A. STEWART,
C. J. KLEIN.