S. M. WITHROW.

GO-BASKET.

APPLICATION FILED MAY 6, 1914.

1,122,833.

Patented Dec. 29, 1914.

2 SHEETS—SHEET 1.

Fig. 1

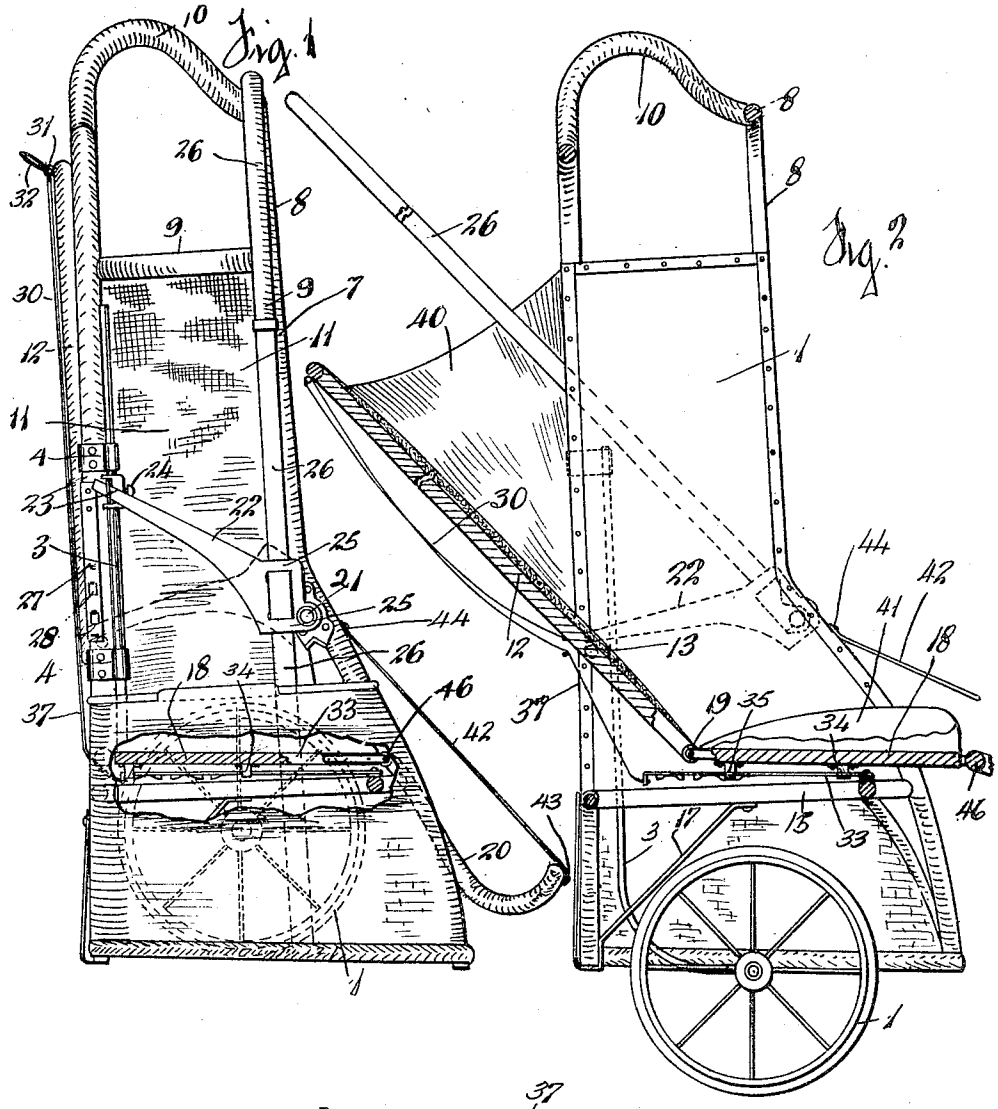
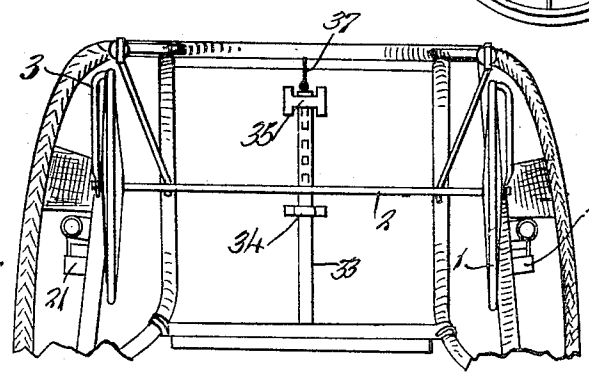


Fig. 2



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Fig. 4

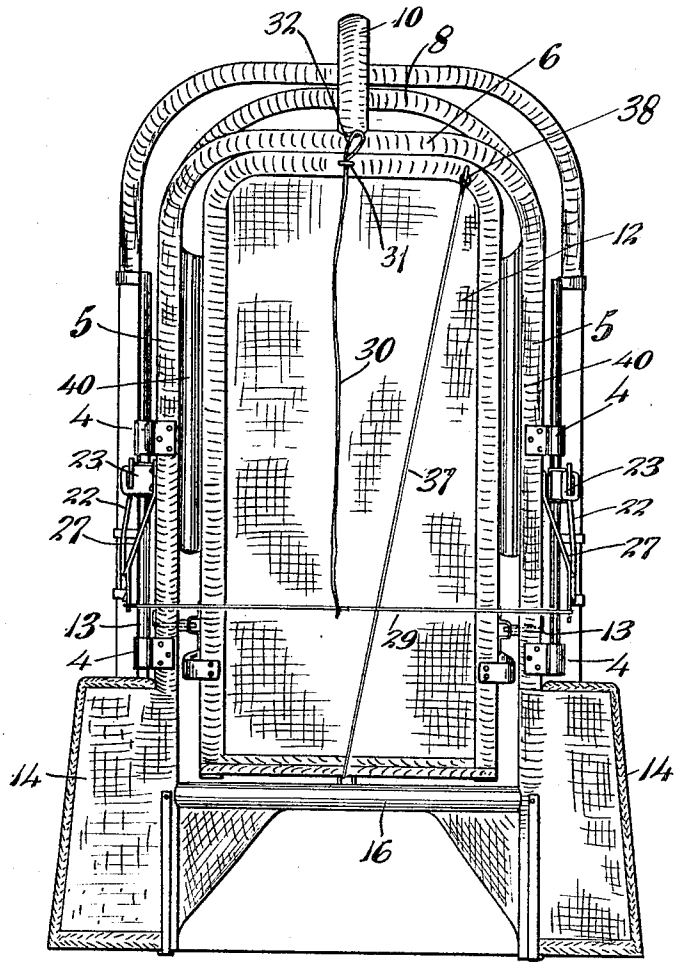
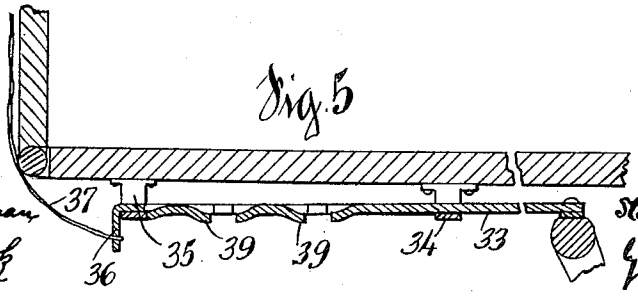


Fig. 5



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UNITED STATES PATENT OFFICE.

STANLEY M. WITHROW, OF WYOMING, OHIO.

GO-BASKET.

1,122,833. Specification of Letters Patent. Patented Dec. 29, 1914.

Application filed May 6, 1914. Serial No. 836,799.

To all whom it may concern:

Be it known that I, STANLEY M. WITHROW, a citizen of the United States, and a resident of Wyoming, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Go-Baskets, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to improvements in perambulators of the kind known as go-baskets as shown in the Patent No. 700,397, of May 20, 1902, to S. P. Withrow.

One of the principal objects of my present invention is to improve the construction as shown in the Withrow patent, and particularly to provide a reclining back for such perambulators which can be readily and easily adjusted and securely held in different reclining positions, whether the go-basket is in wheeling or non-wheeling condition.

This and other features of improvement in construction and operation will be hereinafter more particularly pointed out in the specifications and set forth in the claims.

In the drawings, Figure 1 is a side elevation of my improved go-basket, with the seat portion in section and the go-basket in non-wheeling position. Fig. 2 is a central vertical section, with the go-basket in wheeling position. Fig. 3 is a bottom plan view. Fig. 4 is a rear elevation. Fig. 5 is an enlarged sectional detail, showing the lock for the seat.

Carrying wheels 1, 1, are connected by an axle 2, and mounted in the lower ends of spring rods 3, 3. These spring rods are slidably secured to the rear standards 5, 5, of the framework of the body by collars 4, 4, on each side, through which the spring rods extend, the collars being provided with a securing plate for mounting same on the standards. These rear standards 5 are integral and connected by the arch 6, and the front portion of the frame is formed by the standards 7, 7, connected by the arch 8, and the front and rear portions are further braced together by the pieces 9, while an arched handle portion 10 unites the two arches 6 and 8 centrally. The side standards of the frame are preferably inclosed below the arch by side walls 11 of wickerwork or other suitable material, and the go-basket is provided with an adjustable back 12 pivoted at 13, 13, to the side standards 5, 5, the standards and the arch 6 thus forming a framework for the back. The side walls are extended downwardly and for the lower portion are flared outwardly to form skirts or pockets 14, 14, on either side over the carrying wheels, and into which the carrying wheels are withdrawn when the go-basket is arranged in non-wheeling position, as will be hereinafter described. The body portion of the go-basket is thus preferably wider at the bottom, in order to guard and protect the wheels from coming in contact with the user. Of course by constructing the wheels closer together, the side walls of the go-basket need not be flared to the extent shown in the drawings, and the wheels may be located under the seat instead of alongside of the seat. The body of the go-basket is further braced by a framework 15, 15, for the sides, and 16 for the transverse portion, and still further strengthened by the braces 17. The entire body may be formed of wickerwork, properly woven together, and the parts may be suitably upholstered and padded as desired.

The seat 18 is pivoted at 19 to the back and rests upon the framework. Pivoted at 46 to the front of the seat is the foot rest 20, which may be thrown back over the seat when the go-basket is not in use. This structure of seat is thus an interconnected back, seat proper and foot rest mounted so as to be shiftable to a reclining position. The seat then slides forward, and because of the rising of the pivotal point 19, will tend to incline forwardly. This would cause an uncomfortable tip of the seat which would be detrimental to a baby, and for this reason the cushion 41 on the seat is made higher at the forward end and sloped gradually to the rear.

Inasmuch as the seat in sliding forward gives a forward motion to the foot rest at the pivotal point 46, and in order to utilize this motion for raising the foot rest, a means is provided for suspending the end of it from the framework of the basket, so that such end will swing upwardly on a desired center. For this purpose, straps 42 are provided secured at 43 to the end of the foot rest, and at 44 to the basket framework. The point 44 is the center upon which the

end of the rest will swing and this is located high enough above the pivotal point 46 to insure the end from turning under rather than being raised up. The point 44 should also be selected so as to bring the foot rest up high enough to give proper support to the limbs of a reclining baby, and to prevent the baby from sliding down off of the seat.

Provision is made, as in the Withrow patent, for raising and lowering the carrying wheels to convert the basket from a non-wheeling to a wheeling condition.

Pivoted at 21 on the framework of the body, one on each side, is an arm 22. The outer ends of each of these arms engage in slotted clips 23 adjustably secured on the rods 3, 3, by the set screws 24. These clips 23 are secured between guiding collars 4, 4. The inner ends of these arms 22, 22 are widened out near the pivotal point to form for each arm a pair of collars 25, 25, and through these collars the wheeling handle 26 is secured to the arms so that it can be raised and lowered vertically. When the go-basket is in non-wheeling or carrying position, as indicated in Fig. 1, the wheeling handle 26 is pushed down so as to bring the arch of the handle concentric with the arch 8 of the front framework. When it is desired to convert the go-basket into wheeling condition, the wheeling handle 26 is raised and turned rearwardly into the position shown in Fig. 2. This movement of the wheeling handle from the upright to the inclined position rocks the arms 22 into the position shown in dotted lines in Figs. 1 and 2, and this movement depresses the spring rods 3, 3, and brings the wheels into wheeling condition as shown in Fig. 2. In order to lock the parts in this position, I provide spring plates 27, secured to each side of the frame, each plate carrying a series of lugs 28, 28, and as the arms 22, 22 are rocked downwardly, the ends of these arms snap below these lugs and the arms will be locked down. A series of locking lugs or catches are provided in order to adjust the wheeling handle in different positions as desired. In order to release this lock, I connect the outer ends of the spring plates with a wire or flexible cord 29, and at the middle portion of this wire I secure a cord 30 which is held at the upper end of the back by an eye 31. The cord is provided with a grasping loop 32, and by drawing up this loop the two spring plates 27, 27 will be drawn toward each other, and thus release the ends of the arms 22, 22, and the weight of the go-basket will at once raise the rods 3, 3, and push the wheels within the skirts or pockets 14.

As hereinbefore stated, the back 12 of the go-basket is arranged to be adjusted into various reclining positions, and this whether the basket is in non-wheeling or wheeling condition. It is evident that when in non-wheeling condition, provision must be made to prevent the weight of the child tipping the basket over backward when inclination is given the back. To accomplish this, I provide that the seat shall move forward in proportion to the inclination, and therefore the center of gravity will be shifted as the back is inclined, to always maintain the weight within the base.

Provision must also be made to permit the back and seat to be adjusted into inclined position without disturbing the other mechanism of the go-basket. For this reason, I pivotally mount the back 12 at 13, 13, as hereinbefore described, practically on the same horizontal plane with the connecting wire 29, so that the back will swing on this horizontal line and not at all interfere with the releasing connection between the spring plates 27, 27. The seat 18 also, as hereinbefore described, is pivoted only to the back so that as the back is inclined the seat is pushed forward.

In order to lock the back in inclined position and to conveniently release the lock to raise the back, I provide as follows: Secured on the cross bar of the frame is a spring lock plate 33, which passes through two clips 34, 35, secured on the bottom of the seat. The outer end of this locking plate 33 is bent at right angles downwardly at 36 and to the outer end of this turned down portion a cord 37 is attached which extends upwardly along the back and is secured in an eye 38 on the upper edge of the back. The locking plate 33 is provided with a series of lugs 39, 39, struck up from the metal, and the clip 35 engages between these lugs. In the position shown in Fig. 5, the back is in its vertical position. By pulling on the cord 37, the locking plate 33 is pulled upwardly, releasing the clip 35 and the back can be inclined and held in any position with the clip 35 between any set of the lugs 39. In the construction illustrated I have shown three positions for the back, but it will be of course understood that other lugs may be formed on the spring plate 33 to hold the back in other positions.

For a support for the back when in its most inclined position, I provide a web of cloth 40, on each side, which helps sustain the weight and also forms a side inclosure for the occupant of the go-basket. As the adjustment of the back and seat is entirely independent of the mechanism for raising or lowering the wheels, it is evident that the inclined position of the back can be provided whether the go-basket is in carrying or wheeling condition.

The method of using the go-basket will be evident from the foregoing description. When it is desired to use the basket as a chair, the wheels are withdrawn inside the

skirts and the basket seats on its base, free from the wheels. When it is desired to give the child an inclined position, the cord 37 is drawn upon, the locking bar 33 is released from the holding clip and the back can be adjusted into a partially or fully reclining position. When it is desired to wheel the occupant, the wheeling handle 26 is drawn up and swung rearwardly, the user at the same time raising up the basket by the handle 10. This movement depresses the side arms 22 and lowers the carrying wheels below the base. The ends of the arms 22 are caught in the spring catches 27 and the occupant can now be wheeled. To convert again to a non-wheeling or a carrying position, the wheeling handle 26 is released by drawing on the cord 30 and the weight of the basket pushes the wheels upwardly underneath the skirts.

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

1. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, with a lock therefor to hold the back in any desired inclined position, and a seat movable with reference to the body and pivotally secured to the back whereby the seat shall be shifted with the inclining of the back to maintain the center of gravity within the base of the body.

2. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, with a lock therefor to hold the back in any desired inclined position, and a seat movable with reference to the body and pivotally secured to the back whereby the seat shall be shifted with the inclining of the back to maintain the center of gravity within the base of the body, the lock being applied to the seat and means for releasing the lock in any position of the seat.

3. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, with a lock therefor to hold the back in any desired inclined position, and a seat movable with reference to the body and pivotally secured to the back whereby the seat shall be shifted with the inclining of the back to maintain the center of gravity within the base of the body, the lock being applied to the seat and a cord for releasing the lock in any desired position of the seat.

4. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, a spring plate provided with a series of catches secured to the frame, a seat movable with reference to the body and pivotally secured to the back, with a fixed plate on the seat with which the spring plate engages to hold the back in any desired inclined position.

5. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, a spring plate provided with a series of catches secured to the frame, a seat movable with reference to the body and pivotally secured to the back, with a fixed plate on the seat with which the spring plate engages to hold the back in any desired inclined position, and a cord for releasing the spring plate in any position of the seat.

6. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, with means for holding the same in inclined or erect position, a seat movable with relation to the body and pivotally secured to the back, a foot rest pivotally secured to the seat and means for suspending the end of the foot rest from the body framework, for the purpose described.

7. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, with means for holding the same in inclined or erect position, a seat movable with relation to the body and pivotally secured to the back, a foot rest pivotally secured to the seat, straps on the body framework and secured to the ends of the foot rest to swing the said ends upwardly, upon forward movement of the seat.

8. In a go-basket of the character specified, comprising a body framework, with carrying wheels, and means for adjusting

them with reference to the body to withdraw the wheels from the ground and to project them into wheeling position, a movable back pivotally mounted in the framework, with means for holding the same in inclined or erect position, a seat movable with relation to the body and pivotally secured to the back, a foot rest pivotally secured to the seat, and means for forwardly and upwardly inclining the surface of the seat.

STANLEY M. WITHROW.

Attest:

FRANK H. KUNKEL,

ANNA F. DIENST.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."