Sept. 3, 1929. C. C. FAUVER 1,727,008

CARRIER

Filed Nov. 4, 1927

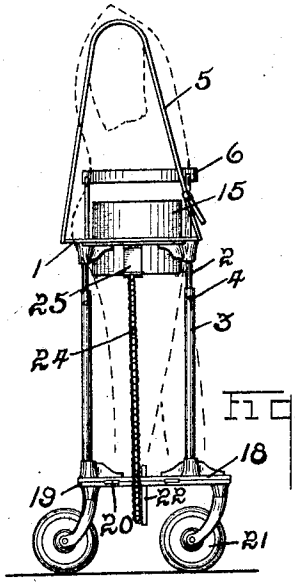


Fig. 1.

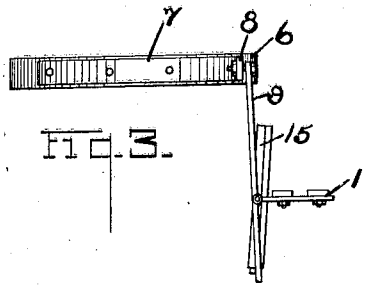


Fig. 3.

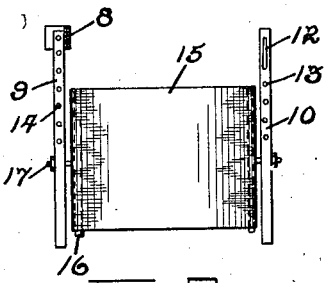


Fig. 5.

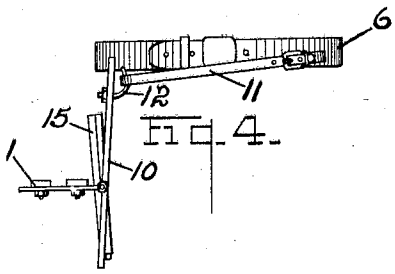


Fig. 4.

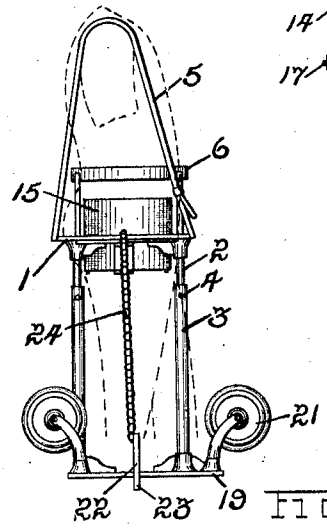


Fig. 2.

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UNITED STATES PATENT OFFICE.

CLARE C. FAUVER, OF MORENCI, MICHIGAN.

CARRIER.

Application filed November 4, 1927. Serial No. 230,968.

This invention relates to carriers, but more particularly to carriers for cripples to enable them to conveniently carry articles from place to place, and an object of this invention is to provide a simple and efficient carrier for cripples which can be easily attached to the body, is comfortable, easily adjusted to the particular person, and may be so manipulated as to eliminate interference when walking up and down stairs. Another object is to provide a new and improved carrier having the features of construction, arrangement and operation hereinafter described.

The invention is shown by way of illustration in the accompanying drawings, in which:

Fig. 1 is a side elevation of the carrier showing the casters disposed in supporting position; Fig. 2 is a view similar to Fig. 1 but showing the casters moved away from supporting position; Fig. 3 is an enlarged detail elevation showing the manner of connecting the rear portion of the table to the supporting belt; Fig. 4 is a detail elevation showing the manner of connecting the front portion of the table to the belt; and Fig. 5 is an elevation of the hip pad and rods therefor.

The illustrated embodiment of the invention comprises a table 1 which may consist of a plurality of slats from which depends a pair of legs 2 having telescoping engagement with tubular supports 3, set screws 4 being provided for holding the legs in adjusted position. Suitably connected to the table 1 is a shoulder strap 5 in order to support the carrier when being carried up or down stairs.

The table is flexibly attached to the waist of the wearer, and for this purpose a belt 6 encircles the waist of the wearer and is provided with a segmental band 7 at the rear portion thereof. The band is formed with an outturned end portion 8, to which is pivoted a depending rod 9. The rod 9 is pivoted to the table 1. The opposite end of the table is connected to the belt 6 by a rod 10 which is pivoted to the table and a strap 11 connecting the belt 6 to a hook 12 adjustable on the rod 10 in holes 13. Similar holes 14 are provided in rod 9 to permit of vertical adjustment of the rod. It will thus be seen that the height of the table 1 may be readily and conveniently adjusted in accordance with the height of the wearer. The connection is such as to allow for freedom of movement so as to permit the freest possible movement to the person.

Vertical to the table 1 is a hip pad 15 of canvas or other suitable material, which is adapted to engage the wearer's hip and hold the table away from the wearer. The pad 15 is provided with end bars 16, and extending outwardly intermediate the ends of the bars are bolts 17 which connect the opposite ends of the pad 15 to the bars 9 and 10, respectively. It is apparent that the pad 15 is so connected as to allow for the greatest freedom of movement.

Connected to the lower ends of the tubular supports 3 is a mounting 18 to which a plate 19 is connected by hinges 20 to permit vertical swinging movement. Connected to one side of the plate 19 are casters 21 arranged in longitudinally spaced relation. When the plate 19 is swung downwardly to engage the underside of the mounting 18 the casters 21 are arranged in supported position, as shown in Fig. 1. When it is desired to move the carrier up or down stairs or over gross irregularities, the plate 19 is swung outwardly away from the mounting 18 into the position shown in Fig. 2 to move the casters 21 away from the ground. In this position most of the weight is carried by the shoulder strap 5.

In order to enable the plate 19 and casters 21 to be moved away from supporting position, a latch member 22 is connected to the plate 19 and has a projecting end portion 23, which is adapted to engage the upper edge of the mounting 18 to hold the plate 19 in supporting position. The latch 22 may be of any suitable construction, but preferably of the spring type to snap into engagement and remain so engaged until the latch is moved to disengagement.

Connected to the end portion of the latch 22 is a chain 24, the outer end of which is arranged conveniently to the table 1 so that the wearer may readily grasp the same, a suitable catch 25 being provided beneath the table to hold the end of the chain. In order to move the casters 21 away from supporting position, the chain 24 is pulled to swing the plate 19 outwardly away from the mounting 18, and the parts are held in this position by engaging the chain 24 with the table 1. Upon releasing the chain 24 the plate

19 swings by gravity until the latch 22 snaps into latching engagement with the mounting 18.

While I have shown and described a construction which is the best form known to me, it is to be understood that numerous changes in details of construction, arrangement and operation may be effected without departing from the spirit of the invention, especially as defined in the appended claims.

What I claim as new and desire to secure by Letters Patent is:

1. A carrier of the class described comprising a table, a standard for said table, a belt for attachment to a wearer, a vertically disposed rod pivoted to said table, and a strap connecting said rod and belt for holding the table to the wearer's body.

2. A carrier of the class described comprising a table, a standard for said table, a belt for attachment to a wearer, a pair of vertical rods pivoted to said table, a strap connecting one of said rods and belt, and a pivotal connection between the other rod and belt, the connection between said rods and strap and belt being adjustable to vary the vertical position of the table.

3. A carrier of the class described comprising a table, a support depending from said table, means to flexibly hold said table to the waist of a wearer, a roller mounting hingedly connected to the lower portion of said support, and means to swing said roller mounting away from supporting position.

4. A carrier of the class described comprising a table, a vertically adjustable support depending from said table, means for flexibly holding said table to the waist of a wearer, a hip pad vertical to the table, means to attach said pad to said table, a roller mounting for said support, and means to hingedly connect said mounting to said support, said mounting being movable away from supporting position to permit the carrier to be supported solely by the wearer.

5. A carrier of the class described comprising a table, means to connect said table to the waist of a wearer, a hip pad vertical to the table and adjacent thereto, a support depending from the table, a mounting pivoted for vertical swinging movement to the lower end of said support, rollers on said mounting, a latch for holding said mounting in supporting position, and means to release said latch and swing said mounting away from supporting position.

6. A carrier of the class described comprising a table, means for flexibly connecting said table to a wearer's waist, a hip pad for holding the table from engagement with the wearer, a shoulder strap for said table, a support depending from the table, a mounting having casters hinged for vertical swinging movements to the lower end of said support, a latch for holding said mounting in supporting position, and means to release said latch and move said mounting away from supporting position.

In testimony whereof I have hereunto signed my name to this specification.

CLARE C. FAUVER.