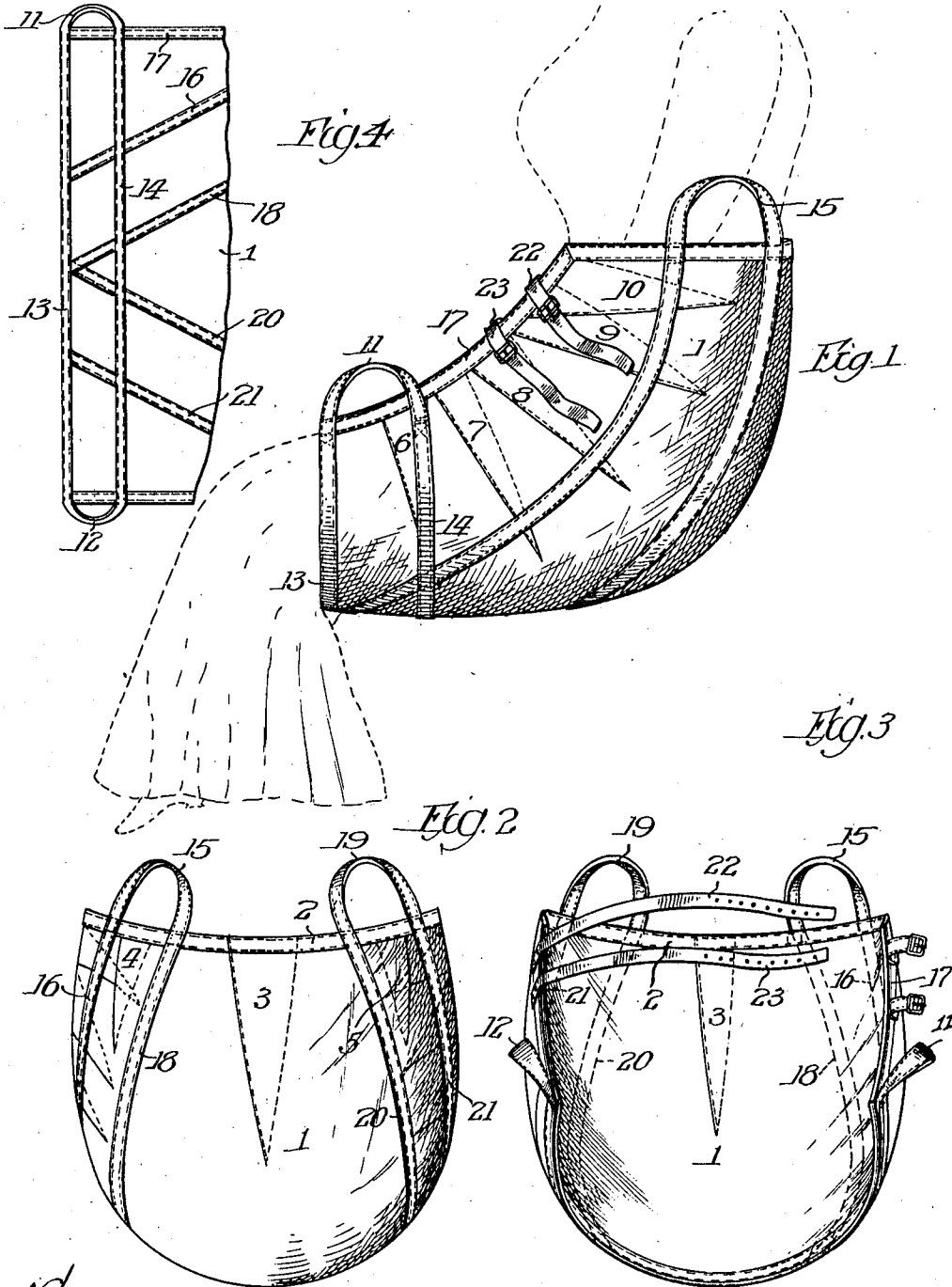


M. ROSSE.
INVALID CARRIER.
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1,035,642.

Patented Aug. 13, 1912.



Witnesses:
A. B. Bant
McLittland Young

Inventor:
Maria Rosse,
by Barton & Falk
Attys

UNITED STATES PATENT OFFICE.

MARIA ROSSE, OF CHICAGO, ILLINOIS.

INVALID-CARRIER.

1,035,642.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MARIA ROSSE, a subject of the Emperor of Germany, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Invalid-Carriers, of which the following is a full, clear, concise, and exact description.

My invention relates to supports or slings adapted to be placed under an invalid to sustain the weight of the patient when being lifted and carried, as, for example, from the house to and from an automobile or carriage. The body of this carrier is preferably formed of a single piece of canvas being plaited at the sides and upper end so as to conform to the shape of the patient when raised to a sitting posture. On the outside of this canvas are stitched heavy tape bands or webbing which serves to strengthen or brace the fabric and which are extended to form handles, two on each side of the carrier. Suitable straps are provided for securing the two sides together when the carrier has been placed about the patient. Two attendants, one on each side, by means of the handles may readily lift and carry the patient in the comfortable chair of fabric thus formed.

The details of construction will be more readily understood by reference to the accompanying drawings, in which—

Figure 1 is a perspective, side view of my carrier as it appears in actual use; Fig. 2 is a rear view of the same; Fig. 3 is a front view thereof; Fig. 4 is a plan or diagram of the outside of the lower section of the carrier illustrating the manner of arranging the straps of webbing or tape forming the handles.

Like parts are indicated by the same figures of reference in the different views.

The main body 1 may be of canvas or duck of about eight ounce weight. The edges are bound thereto throughout with tape or braid 2. In order that the carrier may conform to the shape of the patient when in reclining or sitting posture I provide plaits at the back and sides as shown, preferably three at the back indicated at 3, 4 and 5, and five on each side indicated at 6, 7, 8, 9 and 10. The front handles 11 and 12 are preferably formed of a single piece of tape or webbing, the outer loop or side 13 of which extends, as shown more clearly in Fig. 4, along under the outer edge of the

body of the carrier. The other side or loop 14 passes over the tapes forming the rear handles and say about six inches back of the front loop 13, and thus these bands 13 and 14 serve to strengthen the body where there is the greatest strain. The rear handles are formed each of a continuous piece of tape or webbing, the two sides thereof being stitched to the outside of the canvas. It will be seen that the rear, left handle 15 is stitched to the body of the canvas as shown and has its side 16 extending substantially parallel with the edge 17 of the carrier; this side 16 extends under the sides 14 and 13 of the front handles and is secured thereto. The side 18 extends parallel with the side 16 and passing in a similar way under the said sides 14 and 13 is secured thereto. The rear, right handle 19 is similarly attached to the body of the carrier. It will be observed that the inner side 20 thereof is joined at the front to the end of the side 18 of the left, rear handle 15. The side 21 of the handle 19 is substantially parallel with the side 20 and is secured under the sides 14 and 13 of the tape of the front handles as already described with respect to the side 16 of the left, rear handle 15. The center or seat portion of the carrier is thus left smooth, that is, without any plaits and without any tapes, bands or stitching. The straps 22, 23 are so arranged as to hold the two sides of the carrier together about the wrappings of the patient.

My invention as thus described I have employed with great success where there were two attendants for lifting the patient. It will be seen that, while the patient is lying flat, the carrier may be put in place and the patient then raised to the sitting position and then carried out and seated in the automobile. The carrier may be left in place about the patient while out for the ride or may be removed, according to circumstances. On returning the patient may be carried back to the couch and the carrier readily removed.

It will be observed that this carrier may be folded up in small compass and placed in a bag after the manner of a raincoat. My carrier is thus specially adapted to be taken with a person who is infirm or crippled when traveling on trains or otherwise.

I claim:—

1. The combination with the fabric plait-

ed at the opposite sides and at the upper portion thereof to conform to the shape of a patient, of tapes or bands extending under the main body of the fabric and stitched thereto, said tapes or bands being looped to form handles, two on each side, the bands forming the two front handles having the outer portion thereof secured under the front edge of the main body, and the other side thereof being parallel thereto and secured a short distance therefrom; the rear handles respectively having each of the two sides of the tape or band forming the same substantially parallel, each pair, of sides converging toward the members of the other pair and extending to the front of the main body; whereby the central portion of the carrier is left smooth and unobstructed while the surrounding portion is braced, substantially as and for the purpose specified.

2. The combination with the body formed of a single piece of fabric plaited at the sides and at the rear portion thereof, of the handles, two on each side, formed by the tapes or bands stitched to the said fabric, the rear handles being each formed in the loop of a different tape or band, the two sides thereof being at a short distance apart

and substantially parallel with the adjacent edges of the sides of said carrier, said sides converging toward the front and the tape or band forming the front handles with which the tapes of the rear handles are connected, substantially as and for the purpose specified.

3. The canvas body constructed to conform to the shape of the patient when in sitting posture, in combination with the tape bands or webbing, secured to said body and extended to form handles, the said bands being disposed about the upper portion of the body to leave the central portion or seat of the body smooth and unobstructed, the webbing of the rear handles being extended and secured to the webbing of the front handles, thereby forming a carrier that is comfortable to the patient and which at the same time is light and adapted to be folded in small compass, substantially as and for the purpose specified.

In witness whereof, I, hereunto subscribe my name this 19th day of April, A. D., 1912.

MARIA ROSSE.

Witnesses:

ALFRED H. MOORE,
McCLELLAND YOUNG.