

1,296,619.

Patented Mar. 11, 1919.

Fig. 1.

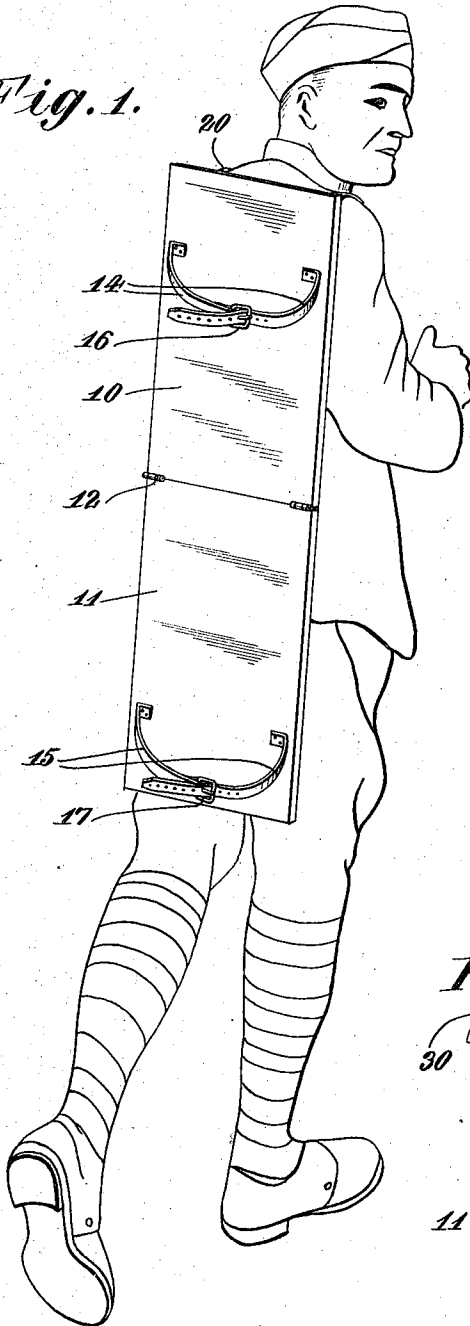


Fig. 2.

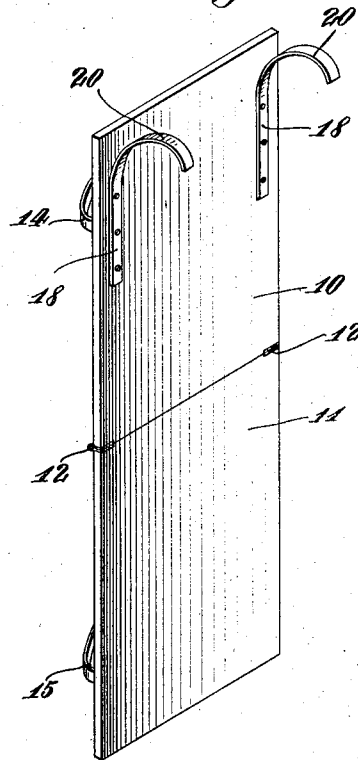


Fig. 4.

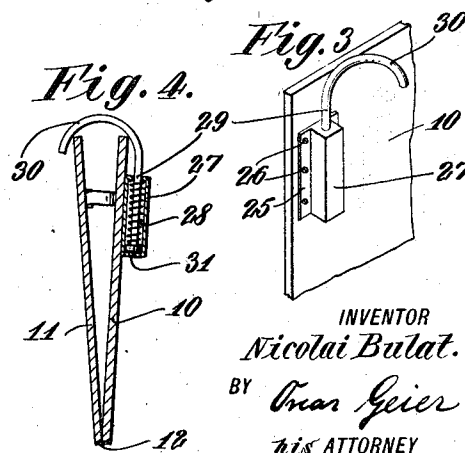
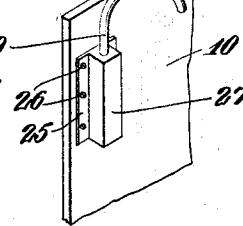


Fig. 3.



INVENTOR
Nicolai Bulat.
BY *Ernest Geier*
his ATTORNEY

UNITED STATES PATENT OFFICE.

NICOLAI BULAT, OF LAWRENCE, MASSACHUSETTS.

CARRIER.

1,296,619.

Specification of Letters Patent.

Patented Mar. 11, 1919.

Application filed November 2, 1918. Serial No. 260,785.

To all whom it may concern:

Be it known that I, NICOLAI BULAT, a citizen of Russia, residing at Lawrence, county of Essex, and State of Massachusetts, have
5 invented certain new and useful Improvements in Carriers, of which the following is a specification.

This invention relates to improvements in devices for supporting sick or wounded individuals upon the back of carriers and has
10 as its special object the provision of means which may be readily attached to the carrier, the apparatus being provided upon its outer side with devices for securing an
15 invalidated person thereto so as to be carried without jar or jolt.

A further object is to provide such devices in a form which can be readily folded into a compact compass for transportation
20 and storage.

It is a further object to provide an apparatus which, when in use, does not interfere with the full and free movements of the carrier's limbs or impede his action
25 in walking.

These and other like objects are attained by the novel construction and combination of parts hereinafter described and shown in the accompanying drawings, forming a
30 material part of this disclosure, and in which:—

Figure 1 is a perspective view showing the rear of the apparatus and indicating the manner of its application.

35 Fig. 2 is a similar perspective view taken from the opposite side of the apparatus.

Fig. 3 is a fragmentary perspective view showing a modified form of construction, and

40 Fig. 4 is a vertical sectional view of the same.

In carrying out the invention use is made of two substantially similar plates 10 and 11, preferably made of wood and joined together at one of their ends by hinges 12 in
45 such manner that they may be folded closely upon themselves the plates being rectangular and of such length as to extend from a point above the shoulders to the knees of the
50 carrier when extended.

Attached to the front or outer side of both plates are pairs of straps, respectively 14 and 15, one of each of the pairs being provided with buckles 16 and 17, engageable
55 with perforations in the oppositely disposed straps so that a person or object may be

held securely upon the outer side of the plates in an obvious manner.

Upon the opposite or inner side of the upper plate 10, adjacent to the edges thereof, 60 are firmly secured metallic bars 18, terminating in arcuate hook-like elements 20 adapted to engage over the shoulders of the carrier in such manner as to be comfortably worn and to support the weight of the 65 plates.

The plates may be folded along their median line upon the hinges 12 when not in use so as to occupy but a minimum of space and are readily extended therefrom in an
70 obvious manner, whereupon the hooks 20 may be placed over the edge of the adjacent plate in a manner which will be clearly apparent.

In the modification shown in Figs. 3 and 75 4, a pair of brackets 25 are secured by fastenings 26 to the front side of the upper plate 10, the brackets being formed with hollow casings 27 containing spiral compression springs 28 which encircle the inner
80 ends of rods 29 terminating in hooks 30, similar to the hooks 20, the rods having fixed upon their lower ends collars 31 against which the lower ends of the springs
85 abut thus interposing flexible elements which absorb the shock and jar of the carrier's steps, making it easy for the person carried as well as the carrier.

These hook rods may be turned, when the device is not in use, so as to engage with the
90 edge of the bottom plate, when in a folded position, thereby holding the apparatus in a compact compass.

From the foregoing it will be seen that a very convenient device has been disclosed 95 whereby wounded or sick people may be transported from place to place upon the back of the carrier in an easy manner, and that the operation of the device is relatively
100 easy, both to the carrier and carried.

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

1. In devices of the class described, the combination with a pair of rectangular 105 plates hingedly engaged together at one end, of straps secured to each of said plates upon one side thereof, means for adjustably engaging the free ends of said straps, brackets fixed on the opposite side of one of said 110 plates, hooks having stems slidably and rotatably engaged in said brackets, and resil-

ient elements adapted to retract the stems of said hooks.

2. In a device of the class described, the combination with a pair of rectangular plates hingedly engaged together at one end, of straps secured to each of said plates upon one side thereof, means for adjustably engaging the free ends of said straps, brackets fixed on the opposite side of one of said

plates, hooks having stems slidably and rotatably engaged in said brackets and compression springs in said brackets adapted to move said hooks normally downward in said brackets, said springs acting to absorb shocks between said plates and said hooks.

In testimony whereof I have affixed my signature.

NICOLAI BULAT.