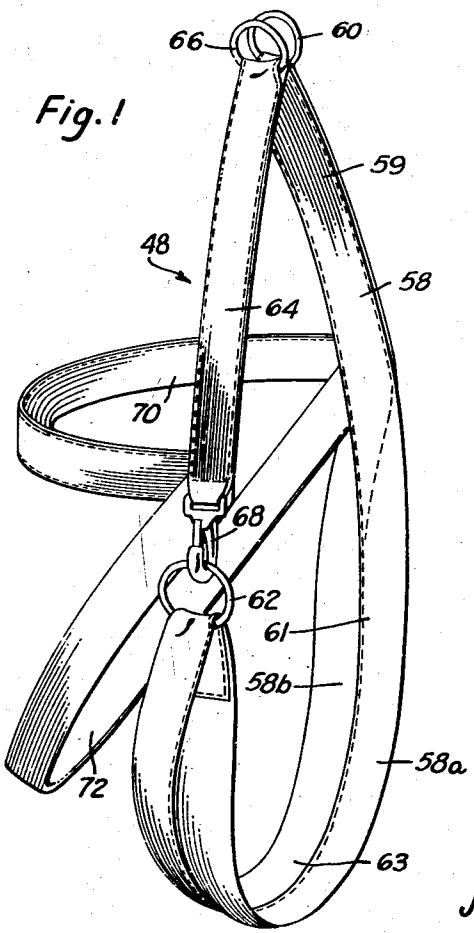
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HARNESS FOR INVALID HOISTS

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Fig. 1



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HARNESS FOR INVALID HOISTS

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1 Claim. (Cl. 5—89)

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This invention relates to an invalid handling device capable of transporting an invalid from one location to another.

An important object of the invention resides in the provision of a novel invalid hoist consisting of a harness of leather or plastic belts, or belts of other material, which may be engaged about the invalid so as to enable the invalid to fasten it about himself while in bed.

A further object of the invention resides in the provision of a harness for invalid hoist, which is strong, durable, highly efficient in operation, simple in construction and manufacture, and capable of giving an invalid unusually safe support.

These, together with the various ancillary objects of the invention which will become apparent as the following description proceeds, are attained by this hoist and conveyor system for invalids, a preferred embodiment of which has been illustrated in the accompanying drawing, by way of example only, wherein:

The figure is a perspective view of the invention.

Referring now to the accompanying drawing in detail, the harness is designated generally by the reference character 48 and embodies in its construction a vertically elongated loop 58 provided at the upper end thereof with a pair of eyes 60, 66 whereby the entire harness may be conveniently attached to and suspended from a suitable overhead support.

The loop 58 consists of a pair of band members 58*a* and 58*b* which are secured by stitching 59 so as to form a relatively narrow upper portion of the loop, that is, so that the superposed band members are relatively narrow in the upper portion of the loop, as shown.

The band members 58*a*, 58*b* in the lower portion of the loop are juxtaposed and have contiguous overlapped edge portions secured together by the stitching 61 so that they provide a relatively wide region 63 for supporting the thighs of the invalid.

The loop 58 is provided at one side thereof with readily separable means 62, 68 of a conventional nature, whereby the thigh supporting region 63 may be disconnected at one side and passed under an invalid.

A U-shaped seat forming strap 72 is secured at its opposite ends to the upper portions at the opposite sides of the loop 58 and extends downwardly and rearwardly therefrom, while a

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U-shaped back supporting strap 70 is secured at the opposite ends thereof to the loop 58 at points adjacent the respective ends of seat forming strap 72.

Since, from the foregoing, the construction and advantages of this invention is readily apparent, further description is believed to be unnecessary.

However, since numerous modifications will readily occur to those skilled in the art after a consideration of the foregoing specification and accompanying drawing, it is not intended to limit the invention to the precise embodiment shown and described, but all suitable modifications and equivalents may be resorted to which fall within the scope of the appended claim.

Having described the invention, what is claimed as new is:

A harness for invalid hoists, comprising a vertically elongated loop adapted at its upper end for attachment to a hoist, said loop comprising a pair of band members which are superposed and secured together to form a relatively narrow upper portion of the loop, said band members in the lower portion of the loop being juxtaposed and having contiguous overlapped edge portions secured together to provide a relatively wide thigh supporting region, means at one side of said loop for separably connecting the upper and lower portions of the loop together whereby said thigh supporting region may be disconnected at one side and passed under an invalid, a U-shaped seat forming strap secured at opposite ends thereof to the upper portions at opposite sides of said loop and extending downwardly and rearwardly therefrom, and a U-shaped back supporting strap secured at opposite ends thereof to said loop at points adjacent the respective ends of the seat forming strap.

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