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Gauger et al.

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(54) **ISOLATION APPARATUS**

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312/6

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128/202.12, 205.26; 5/600, 625-628

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(57) **ABSTRACT**

An isolation apparatus for the transport of a patient who is potentially infectious, who has been subjected to chemical or biological agents or who is threatened by chemical/biological attack. The invention comprises a transparent or semi-transparent, generally tubular enclosure, having two opposite ends. Secured to each of the two opposite ends of this transparent or semi-transparent, tubular enclosure are a pair of end walls. At least one semi-rigid support band extends around a portion of the outer periphery of the generally tubular enclosure. A base mat assembly, comprising at least a first flexible, flat sheet having a top side and a bottom side, is also a part of the invention. The top side of this first flat sheet is secured to the generally tubular enclosure. The bottom side of this sheet is secured to at least one reinforcing strap. Each of these one or more reinforcing straps has lateral ends, and the lateral ends of these straps are formed into loops. The loops serve as handholds, through which persons may grasp the isolation apparatus and transport the victim to another site for medical care. The base mat assembly of the isolation apparatus may also include a second flexible, flat sheet secured to the first flexible, flat sheet. In addition, at least two air inlet and outlet ports may be secured to each of the two end walls of the transparent or semitransparent, generally tubular enclosure.

19 Claims, 3 Drawing Sheets

