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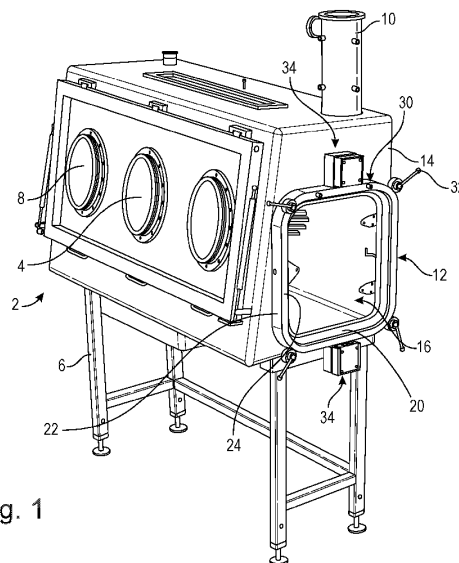


Fig. 1

(57) Abstract: The disclosure provides a modular isolator apparatus. The apparatus comprises an isolator (2) comprising a housing, having an opening (16) therein, and an isolator coupling member (12) disposed around the opening (16). The apparatus further comprises at least one functional unit (36) comprising a functional unit coupling member (38) configured to reversibly couple with the isolator coupling member (12), thereby reversibly coupling the functional unit (36) and the isolator (2). The apparatus further comprises at least one sealing member (26, 28), configured to create an airtight seal between the isolator and functional unit coupling members (12, 38) when they are coupled; and at least one locking member (32, 34) configured to secure the functional unit (36) to the isolator (2) when the isolator (2) and functional unit (36) are coupled, wherein when the functional unit (36) is not secured to the isolator (2) it is removable therefrom.

[Continued on next page]

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