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(54) Title: PERSONAL RESPIRATORY ISOLATION SYSTEM

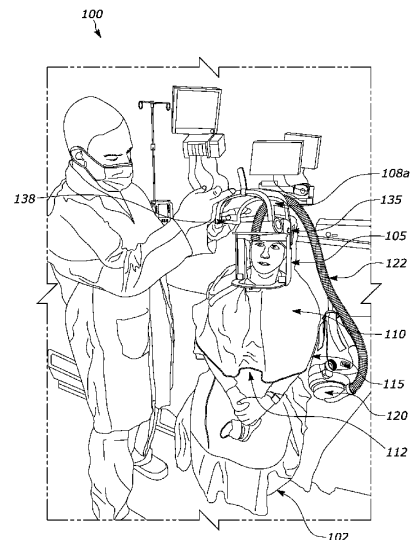


FIG. 1B

(57) Abstract: A personal respiratory isolation system (PRIS) provides a personal, negative pressure environment for a patient or user that reduces contamination and spread of pathogens exhaled by the patient into the environment. The PRIS includes an enclosure to receive the patient's head (such as a hood and a drape) and a negative pressure source which draws ambient air into the interior of the enclosure and draws air within the enclosure's interior (including the exhalations of the patient, including any contaminants and/or pathogens) out of the enclosure via a fluid port into a container for biohazard processing or disposal. The PRIS may allow positive air pressure therapeutic treatments to be delivered to the patient within the negative pressure environment, and the PRIS may maintain a constant pressure within the interior of the enclosure. The PRIS may include a transparent, hinged face shield for ease of patient observation and/or access.

[Continued on next page]

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