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(54) **System and method for delivering air through a boom assembly**

(57) A boom assembly (10) is configured to movably secure equipment (20) to a ceiling (12) or plenum (24) extending from the ceiling (12). The assembly (10) may include an arm sub-assembly (18) secured to the ceiling, equipment (20) secured to an end of the arm sub-assembly (18), and an air delivery member (62) extending through the arm sub-assembly (18). The air delivery

member (62) may include a first end in communication with an air delivery chamber within the ceiling (12) or plenum (24), and a second end in communication with air passages (64) formed through the equipment (20). Airflow is directed from the air delivery chamber out through the air passages (64) formed through the equipment towards a target location.

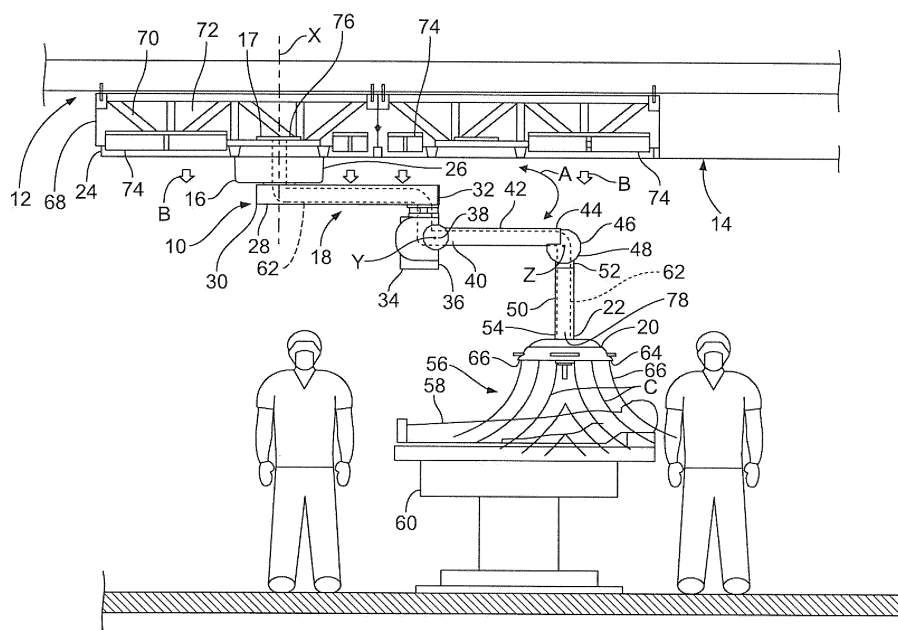


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 27 June 2014	Examiner Mammeri, Damya
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82