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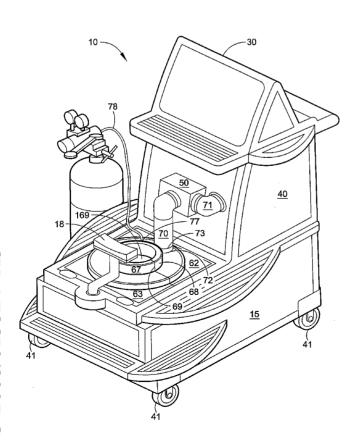
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(54) Title: WOUND TREATMENT SYSTEM AND METHOD OF USE



(57) Abstract: A wound treatment system includes a vessel that is sized to receive a human limb. The vessel includes a chamber with an opening leading into the chamber. A removable liner lines the chamber of the vessel and forms a treatment zone. A humidifier in fluid communication with the treatment zone humidifies a solution of water and antibacterial agent. An oxygen source is in fluid communication with the treatment zone. A speaker is coupled to the vessel and emits low frequency sound waves to the chamber. a first array of light emitting diodes that emits ultraviolet light is coupled to the vessel near the opening of the treatment chamber. A second array of light emitting diodes that emits pulsed light into the chamber is coupled to the chamber. The system also includes a control panel.

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Minimum documentation searched (classification system followed by classification symbols) U.S.: 607/48,49,80,84,86,91,84,100;604/289,293			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCI	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y	US 5,089,415 A (LEVIN) 24 March 1992 (24.03.199	92), figures 1-3, column 2, lines 1-31.	1-48
Y	US 6,443,978 B1 (ZHAROV) 03 September 2002 (03.09.2002), figure 1, column 11, lines 19-24, column 12, lines 60-61.		1-48
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Y	US 4,670,010 A (DRAGONE) 02 June 1987 (02.06.1987), column 3, linds 63-64, column 5, lines 42-44.		8,21-40
A	US 3,101,716 A (CORNELL) 27 August 1963 (27.08.1963), entire document.		1-48
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