



US007857803B1

(12) **United States Patent**
Salinas et al.

(10) **Patent No.:** **US 7,857,803 B1**
(45) **Date of Patent:** **Dec. 28, 2010**

(54) **BURN PATIENT RESUSCITATION SYSTEM AND METHOD**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 95 days.

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(21) Appl. No.: **12/076,554**

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(22) Filed: **Mar. 19, 2008**

(Continued)

Related U.S. Application Data

(60) Provisional application No. 60/895,670, filed on Mar. 19, 2007.

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(51) **Int. Cl.**
A61M 31/00 (2006.01)
B65D 81/00 (2006.01)

(57) **ABSTRACT**

(52) **U.S. Cl.** **604/503**; 604/65; 604/66; 600/584

A method and system for operating a semi-closed loop and/or a closed loop resuscitation of a burn patient in view of patient information and other physiological data gathered as part of the method and/or by the system. The method in at least one embodiment includes receiving patient information, calculating an infusion rate based at least on part on a portion of the received patient information, outputting the infusion rate to an infusion pump, obtaining a urinary output, calculating a new infusion rate using infusion rate model based constants, and outputting the new infusion rate to an infusion pump. In some embodiments, the method includes notifying medical staff when problems arise, displaying information regarding the resuscitation, and setting limits regarding the infusion rates.

(58) **Field of Classification Search** 604/31, 604/66, 131, 151, 503, 504
See application file for complete search history.

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19 Claims, 25 Drawing Sheets

