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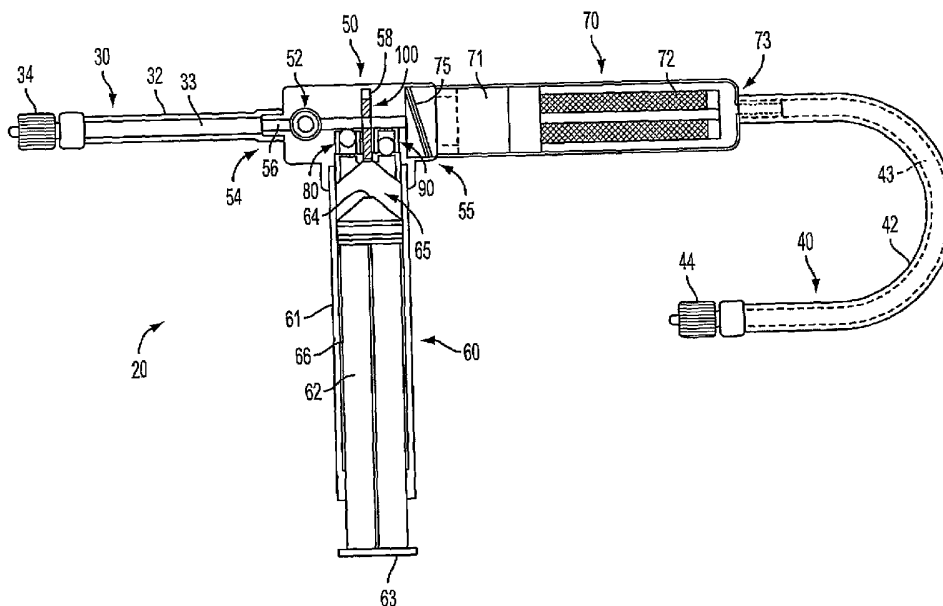
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ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: BLOOD ASPIRATION SYSTEM AND METHODS OF USE



(57) Abstract: The present invention is directed to a blood aspiration system that is configured to enable various types of aspiration through a working lumen of a catheter. The blood aspiration system facilitates natural aspiration by providing a circuit between a patient's arterial and venous vasculature, and also comprises a manually actuated pump configured to selectively vary rates of aspiration in the working lumen. The blood aspiration system further comprises an external port that allows suction-assisted aspiration or infusion through the working lumen, and further comprises a detachable filter that removes emboli prior to reperfusing blood into a patient's venous vasculature.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23163

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61M 5/00, 37/00

US CL : 604/4.01, 5.01, 6.09, 6.11, 8, 9, 10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 604/4.01, 5.01, 6.09, 6.11, 8, 9, 10

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)

USPAT, EAST: syringe, pump, filter, valve, indicia

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,059,745 A (GELBFISH) 09 May 2000, see Figures and cols. 5-6	1-9, 11-25
Y		10
Y	US 5,954,695 A (SIMS et al.) 21 September 1999, see entire document	10
A	US 6,161,547 (BARBUT) 19 December 2000, see entire document.	1-25
A	US 2001/0049486 A1 (EVANS et al.) 06 December 2001, see entire document.	1-25

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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