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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: METHODS OF USING REGENERATIVE CELLS IN THE TREATMENT OF RENAL DISEASES AND DISOR-
DERS

(57) Abstract: Cells present in processed lipoaspirate tissue are used to treat patients, including patients with renal conditions, diseases or disorders. Methods of treating patients include processing adipose tissue to deliver a concentrated amount of stem cells obtained from the adipose tissue to a patient. The methods may be practiced in a closed system so that the stem cells are not exposed to an external environment prior to being administered to a patient. Accordingly, in a preferred method, cells present in processed lipoaspirate are placed directly into a recipient along with such additives necessary to promote, engender or support a therapeutic renal benefit.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/21549

A. CLASSIFICATION OF SUBJECT MATTER
IPC() : C12 N 5/06, 5/08
US CL : 435/36; 424/93.7
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. : 435/36; 424/93.7

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,686,289 (HUMES et al) 11 November 1997 (11.11.1997), column 4, lines 17-20; column 5, lines 15-38; column 18, lines 35-39.	1-11, 13-23, 25 ----- 12, 24
X --- Y	KALE et al. Bone marrow stem cells contribute to repair of the ischemically injured renal tubule. The Journal of Clinical Investigation. July 2003, Vol 112. No. 1, pages 42-49, especially abstract	1,3-9,12,19-23 ----- 2,10,11,13-18,25
X --- Y	SAFFORD et al. In vivo engraftment and differentiation of murine adipose derived stromal cells. Blood. November 2002, Vol 100. No. 11, page 731a, abstract 2886.	1,3-9,12,24 ----- 2,10,11,13-23,25

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Continuation of B. FIELDS SEARCHED Item 3:
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search terms: acute tubular necrosis, regenerative cells, adipose tissue-derived regenerative cells