FORM PTO-1595 (Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RE(



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 110.0054 0101

101454817

and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Clifford J. Steer Betsy T. Kren Guangsheng Fan Cecilia M. P. Rodrigues	Name: Regents of the University of Minnesota
Additional name(s) of conveying party(ies) attached?YesNo 3. Nature of conveyance:	Street Address: Suite 600 Gateway 200 Oak Street SE
X Assignment _ Merger _ Security Agreement _ Change of Name	City: Minneapolis State: MN ZIP: 55455
Other Execution Date: August 14, 2000	Additional name(s) & address(es) attached?Yes _X_No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	, the execution date of the application is:
A. Patent Application No(s).	B. Patent No(s).
09/509,309 Title: METHODS OF LIMITING APOPTOS	SIS OF CELLS
Additional numbers attached?Yes _X_ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Ann M. Mueting Address: MUETING, RAASCH & GEBHARDT, P.A. P.O. Box 581415 Minneapolis, MN 55458-1415	 7. Total fee (37 CFR §3.41): \$ 40.00 X Enclosed Authorized to be charged to deposit account 8. Please charge any additional fees or credit any overpayments to Deposit account number: 13-4895
DO NOT US	E THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information copy of the original document. Ann M. Mueting / Reg. No. 33,977 Name of Person Signing Signature	n is true and correct and any attached copy is an original or a true N. Muetun Jugust 15, 200
Total number of pages including cover s	sheet, attachments, and document(s): _3_
2/2000 PHELYEN 00000110 09509309 Commissioner of Pa Box As	th required cover sheet information to: atents and Trademarks ssignments on, D.C. 20231

Patent/Assignment Cover Sheet wpd Rev 990214

01 FC:581

PATENT REEL: 011050 FRAME: 0424

ASSIGNMENT

Whereas We, Clifford J. Steer, Betsy T. Kren, Guangsheng Fan, and Cecilia M. P. Rodrigues, with residences and citizenships as indicated below; have made an invention in

METHODS OF LIMITING APOPTOSIS OF CELLS

Serial No.: 09/509,309 Filed: March 23, 2000

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Regents of the University of Minnesota ("Company"), a corporation of the state of Minnesota, having its principal office at Suite 600 Gateway, 200 Oak Street SE, Minneapolis, Minnesota 55455, United States of America, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any continued prosecution application, divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Regents of the University of Minnesota as the assignee of the entire right, title and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

Name:

Clifford J. Steer

1924 Pinehurst Avenue, St. Paul, Minnesota 55116, USA Address:

United States of America Citizenship:

STATE OF

MINNESOTA

COUNTY OF HEWNEPIN

day of Accept 2000, before me personally appeared Clifford J. Steer to me known to be the person described in and who) executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Notary Public

ADAM JENNINGS Notary Public Minnesota

> **PATENT** REEL: 011050 FRAME: 0425

PATENT RECORDED: 08/21/2000 REEL: 011050 FRAME: 0426

Minnesota My Commission Expires Jan. 31, 2005

Notary Public