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Patent Docket No. 02307Z-071710US

FORM PTO-1595

(Rev. 6-93)

MKD 12-17-99



101248774

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents

documents or copy thereof

1. Name of conveying party(ies):

The Regents of the University of California

Additional name(s) of conveying parties attached?

Yes  No

2. Name and address of receiving party(ies)

Name: Whittier Institute for Diabetes and Endocrinology  
(50% undivided interest)

Internal Address:

Street Address: 9894 Genesee Avenue

City: La Jolla State: CA ZIP: 92037

Additional names and addresses attached?

Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date: November 4, 1999

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 08/883,640 B. Patent No(s): 5,723,333

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Randolph T. Apple  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(650) 326-2400

6. Total number of applications and patents involved 2

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed  Charge Fees to Deposit Account
- Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Randolph T. Apple  
Name of Person Signing

December 13, 1999  
Date

Atty Reg. No. 36,429

Total number of pages including cover sheet, attachments and document 4

10. Change Correspondence Address to that of Part 5?  Yes  No

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

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1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

The Regents of the University of California (50% undivided interest)  
1111 Franklin Street, 12th Floor  
Oakland, CA 94607-5200

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

PA 3032776 v1

**ASSIGNMENT**

WHEREAS, The Regents of the University of California, a California corporation having its statewide offices at 1111 Franklin Street, 12th Floor, Oakland, California, 94607-5200, hereinafter referred to as "ASSIGNOR," is the legal owner of all rights in certain new and useful improvements as described and set forth in the below-identified United States Letters Patent by virtue of an Assignment recorded in the United States Patent and Trademark Office, at reel 7678, frame 0136:

Title of Invention: Human Pancreatic Cell Lines; Developments & Uses  
 U.S. Patent No.: 5,723,333  
 Issued: March 3, 1998  
 Filed as: U.S.S.N. 08/509121 filed on July 31, 1995  
 Claiming Priority from: U.S.S.N. 08/386897 filed on February 10, 1995  
 U.C. Case No.: 95-058-2

WHEREAS, Whittier Institute for Diabetes and Endocrinology, a California corporation located of 9894 Genesee Avenue, La Jolla, California, 92037, hereinafter referred to as "JOINT ASSIGNEE," has certain rights in the invention and in any Letters Patent and Registrations that may be granted on the same;

WHEREAS, Assignor and Joint Assignee have executed an INTERINSTITUTIONAL AGREEMENT dated December 28, 1995 (U.S. Agreement Control Number 96-18-0380);

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Joint Assignees a **50% undivided** right, title and interest in and to the invention, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world claiming priority from U.S.S.N. 08/386897 as provided by the Paris Convention, including the U.S. and foreign applications listed below.

Country	Title	Appl. No. Filing Date
United States	Development & use of human pancreatic cell lines	08/883640 06/26/97
Australia	Human pancreatic cell lines; developments & uses	47694/96 01/25/96
Canada	Human pancreatic cell lines; developments & uses	2210685 01/25/96
Europe	Human pancreatic cell lines; developments & uses	96903692.0 01/25/96
Japan	Human pancreatic cell lines; developments & uses	8-524289 01/25/96

The 50% undivided right, title and interest is to be jointly held and enjoyed by Assignor and Joint Assignee and Assignor's and Joint Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Joint Assignee further agrees to (a) cooperate with Assignor in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignor lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignor and Joint Assignee, or Assignor's and Joint Assignee's successors and assigns.

IN TESTIMONY WHEREOF, this Assignment is executed this 4th day of November, 1999.

**The Regents of the University of California**

By: *Janice S. Stevenson*

Title: Principal Prosecution Analyst

STATE OF CALIFORNIA        )  
  )        ss.  
COUNTY OF                    )

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_

# CERTIFICATE OF ACKNOWLEDGMENT

STATE OF CALIFORNIA

COUNTY OF ALAMEDA

On Nov 4, 1999 before me, Estelle Leighton Bryan, Notary Public,  
personally appeared Linda S. STEVENSON

personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~(she) executed the same in ~~his~~(her) authorized capacity, and that by ~~his~~(her) signature on the instrument the person or the entity on behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]  
Estelle Leighton Bryan, Notary Public

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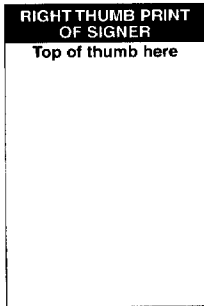
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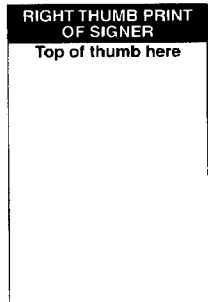
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