To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): SARVETNICK, NORA FOX, HOWARD 2. Name and address of receiving party(ies) Name: THE SCRIPPS RESEARCH INSTITUTE Additional name(s) of conveying party(ies) attached?	à
2. Name and address of receiving party(ies) Name: THE SCRIPPS RESEARCH INSTITUTE Additional name(s) of conveying party(ies) attached?	Gi.
3. Nature of conveyance: Address: 10550 NORTH TORREY PINES ROAD Security Agreement □ Change of Name Other Corrective Assignment: Please correct the order of the Assignor name per the attached mark-up documents. Execution Date: 05/18/2001, 06/29/2001.	S
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other Corrective Assignment: Please correct the order of the Assignor name per the attached mark-up documents. Execution Date: 05/18/2001, 06/29/2001. Change of Name Street Address:	6
Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Corrective Assignment: Please correct the order of the Assignor name per the attached mark-up documents. Execution Date: 05/18/2001, 06/29/2001. Street Address: City: LA JOLLA State: CALIFORNIA Zip: 92037	
Security Agreement ☐ Change of Name Other Corrective Assignment: Please correct the order of the Assignor name per the attached mark-up documents. Execution Date: 05/18/2001, 06/29/2001. Street Address: City: LA JOLLA State: CALIFORNIA Zip: 92037 Additional name(s) & address(es) attached? ☐ Yes ☑ 1	
Other Corrective Assignment: Please correct the order of the Assignor name per the attached mark-up documents. Execution Date: 05/18/2001, 06/29/2001. City: LA JOLLA State: CALIFORNIA Zip: 92037 Additional name(s) & address(es) attached? Yes In the order of the Assignor name per the attached mark-up documents. Additional name(s) & address(es) attached? Yes In the order of the Assignor name per the attached mark-up documents.	
order of the Assignor name per the attached mark-up documents. Execution Date: 05/18/2001, 06/29/2001. City: LA JOLLA State: CALIFORNIA Zip: 92037 Additional name(s) & address(es) attached? ☐ Yes ☑ 1	
Execution Date: 05/18/2001, 06/29/2001. State: CALIFORNIA Zip: 92037 Additional name(s) & address(es) attached? Yes .	
4 Application number(s) or natent number(s):	No
If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 10/404,170 Additional number(s) attached Yes No 5. Name and address of party to whom correspondence	
5. Name and address of party to whom correspondence	$\neg \neg$
concerning document should be mailed: 6. Total number of applications and patents involved	
Name: Bozicevic, Field & Francis LLP 7. Total fee (37 CFR 3.41)	aid
Internal Address: 200 Middlefield Road, Suite 200 Authorized to be charged to deposit account	
City: Menlo Park State: California Zip: 94025 8. Deposit account number:	
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(Attach duplicate copy of this page if paying by deposit acco	unt)
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Pamela J. Sherwood, Reg# 36,677 09/22/2003	
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 6	_

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Name of Person Signing

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03/31/2003



STEM005 Attorney Docket Number Pirst Named Inventor Sarvetnick et al. ASSIGNMENT OF APPLICATION (JOINT) Application Number 09/844.497 Filing Date April 26, 2001 Address to: Group Art Unit Unassigned Box Assignment Commissioner for Patents Examiner Name Unassigned Washington, D.C. 20231 Title: "PANCREATIC PROGENTIOR GENE I AND ITS USES"

THIS ASSIGNMENT, by Nora Sarvetnick and Howard Fox (hereinafter referred to as the assignors), both residing in San Diego. California, witnessoth:

WIIEREAS, the said assignors have invented certain new and useful improvements in:

"PANCREATIC PROGENITOR I GENE AND ITS USES"

X for which an application for a United States Patent was filed on April 26, 2001. Application No. 09/844,497.

WIJEREAS. The Scripps Research Institute a not-for-profit public benefit corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 10550 North Torrey Pines Road, La Jolla, California 92037 (hereinafter referred to as the assignce) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREPORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assigners hereby coverant and agree to and with said assignee, its successors, legal representatives and assigns, that said assigners will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behalf of said assignee, its successors, logal representatives and assigns.

Date 5/18/01

Name of Inventor

NORA STREET

Date 6-27-01

Name of Inventor

HOWARD FOX

PATENT

REEL: 014524 FRAME: 0870

Comment of the Manual August Annual August Annual A

RECORDED: 09/25/2003