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FORM PTO-1595

Docket No.: PENN-0720

1-31-92

02-26-2002

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EPARTMENT OF COMMERCE Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

| ID NO:                                                                                                                                                                                                                                                                               |                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| To The Honorable Commissioner of Patents and Trademarks. Please record the attached original document(s) or copy thereof.                                                                                                                                                            |                                                                                                                                                 |
| Name of conveying party(ies):     Douglas H. Smith                                                                                                                                                                                                                                   | 2. Name and address of receiving party(ies): Name: Trustees for the University of Pennsylvania Internal Address: Center for Technology Transfer |
| Additional name(s) of conveying party(ies) attached?  ( ) YES (XX) NO                                                                                                                                                                                                                | Street Address: 3700 Market Street, Suite 300 City: Philadelphia State: Pennsylvania Zip:19104-3147                                             |
| 3. Nature of Conveyance: (XX) Assignment () Merger () Name Change () Security Agreement () Other: Execution date: December 21, 2000                                                                                                                                                  | Additional names (s) & address attached?  ( ) YES (XX) NO                                                                                       |
| 4. Application number(s) or patent number(s): A. Patent Application No(s). 09/630,461 FILED August 2, 2000 B. Patent No(s).  If this document is being filed together with a new application, the execution date of the application is:  Additional numbers attached? () YES (XX) NO |                                                                                                                                                 |
| 5. Name and address of party to whom correspondence concerning documents should be mailed:                                                                                                                                                                                           | 6. Total number of applications and patents involved: One (1)                                                                                   |
| Licata & Tyrrell P.C.<br>66 E. Main Street                                                                                                                                                                                                                                           | 7. Total fee (37 CFR 3.41): \$40.00 ( ) Enclosed (XX) Authorized to be charged to deposit account.                                              |
| Mariton, New Jersey 08053                                                                                                                                                                                                                                                            | 8. Deposit Account number: 50-1619  (Attach duplicate copy of this page if paying by deposit account.)                                          |
| DO NOT USE THIS SPACE                                                                                                                                                                                                                                                                |                                                                                                                                                 |
| 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.                                                                                                     |                                                                                                                                                 |
| Jane Massey Licata, Reg. No. 32,257 Name of Person Signing                                                                                                                                                                                                                           |                                                                                                                                                 |
| Signature gongos Jucto Jan                                                                                                                                                                                                                                                           | mary 23, 2001                                                                                                                                   |
| Total number of pages comprising cover sheet, attachments, and document: Four                                                                                                                                                                                                        |                                                                                                                                                 |
| Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents and Trademarks                                                                                                                                                                      |                                                                                                                                                 |
| Box Assignments Washington, D.C. 20231                                                                                                                                                                                                                                               |                                                                                                                                                 |

**PATENT** REEL: 012424 FRAME: 0392

J1537

Attorney Docket No.: PENN-0720

## ASSIGNMENT

WHEREAS, I, Douglas H. Smith hereinafter referred to as the assignor, residing at 241 North Highland Avenue, Lansdowne, Pennsylvania, am the inventor of certain inventions or improvements for which I have made application for Letters Patent of the United States, identified as Serial No. 09/630,461, filed August 2, 2000, entitled Mechanically Elongated Neuronal Cells and Methods for Producing and Using These Cells; and

WHEREAS, Trustees for the University of Pennsylvania, hereinafter referred to as the assignee, of, Philadelphia, Pennsylvania, a corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any re-issue or re-issues or extension or extensions of said Letters Patent, and assign to and authorize said assignee to file in my name applications for Letters Patent in all countries the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said

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its successors, assigns, nominees representatives, and I agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patents of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto/set my hand and seal.

RECORDED: 01/23/2001

On this 215 day of December, 2000, before me personally came the above named Douglas H. Smith, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

NOTARIAL SEAL LAURA WHITTON, Notary Public City of Philadelphia, Phila, County My Commission Expires Aug. 27, 2001

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TOTAL P.06