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| SUBMISSION TYPE: | | | NEW ASSIGNMENT | | | | |
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| NATURE OF CONVEYANCE: | | | ASSIGNMENT | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| | | N | lame | Execution Date | | | |
| John Cooke | | | | 01/14/2006 | | | |
| James Jang | | | | 02/15/2006 | | | |
| Phillip Tsao | | | | 02/02/2006 | | | |
| Christopher Heescher | า | | | 01/23/2006 | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | 1 | The Board of Trustees of the Leland Stanford Jr. University | | | | | |
| Street Address: | 1705 El Camino Real | | | | | | |
| City: | Palo Alto | | | | | | |
| State/Country: | | CALIFORNIA | | | | | |
| Postal Code: | 94306-1106 | | | | | | |
| PROPERTY NUMBERS Total: 1 Property Type Number | | | | | | | |
| Property Ty | /pe | | Number | | | | |
| Application Number: 11286 | | 11286 | 850 | | | | |
| CORRESPONDENCE DATA | | | | | | | |
| Fax Number: | (650)32 | | | | | | |
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| ATTORNEY DOCKET NUMBER: | | | STAN-142CIP | | | | |
| NAME OF SUBMITTER: | | | Paula A. Borden | | | | |
| Total Attachments: 4 source=Assignment#page1.tif | | | | | | | |
| 500110793 | | | REEL: (| PATENT ┃)17714 FRAME: 0560 | | | |

PATENT REEL: 017714 FRAME: 0561

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Atty Docket No. STAN-142CIP

THIS ASSIGNMENT, by John Cooke, James Jang, Phillip Tsao, and Christopher Heeschen (hereinafter referred to as the assignors), residing in Palo Alto, CA, New York, NY, Palo Alto, CA and Frankfurt, Germany, respectively, witnesseth:

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

"NICOTINE IN THERAPEUTIC ANGIOGENESIS AND VASCULOGENESIS"

X filed on November 22, 2005 as U.S. Application Serial No. or PCT International Application No. <u>11/286,850</u> designating the United States.

for which an application for a United States Patent was executed on ____, and

WHEREAS, The Board of Trustees of the Leland Stanford Jr. University a non-profit duly organized under and pursuant to the laws of California, and having its principal place of business at 1705 El Camino Real, Palo Alto, CA 94306-1106 (hereinafter referred to as the assignee) 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 THEREFORE, 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 assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors 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.

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

| Date <u>1-14-06</u> | Name of Inventor | COOKE JOHN |
|---------------------|--------------------|-----------------------|
| Date | Name of Inventor | JANG, JAMES |
| Date | Name of Inventor _ | TSAO, PHILLIP |
| Date | Name of Inventor _ | HEESCHEN, CHRISTOPHER |
| | | |

PATENT REEL: 017714 FRAME: 0562

Atty Docket No. STAN-142CIP

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

"NICOTINE IN THERAPEUTIC ANGIOGENESIS AND VASCULOGENESIS"

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for which an application for a United States Patent was executed on ____, and

WHEREAS, The Board of Trustees of the Leland Stanford Jr. University a non-profit duly organized under and pursuant to the laws of California, and having its principal place of business at 1705 El Camino Real, Palo Alto, CA 94306-1106 (hereinafter referred to as the assignee) 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 THEREFORE, 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 assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors 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, legal representatives and assigns.

| Date | Name of Inventor | ····· |
|---------------------|--------------------|--|
| Date <u>2/15/06</u> | Name of Inventor | COOKE, JOHN Janes Juny JANG, JAMES |
| Date | Name of Inventor _ | TSAO, PHILLIP |
| Date | Name of Inventor | HEESCHEN, CHRISTOPHER |

Atty Docket No. STAN-142CIP

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

"NICOTINE IN THERAPEUTIC ANGIOGENESIS AND VASCULOGENESIS"

- X. filed on November 22, 2005 as U.S. Application Serial No. or PCT International Application No. <u>11/286.85</u>0 designating the United States.
 - for which an application for a United States Patent was executed on _____, and

WHEREAS, The Board of Trustees of the Leland Stanford Jr. University a non-profit duly organized under and pursuant to the laws of California, and having its principal place of business at 1705 El Camino Real, Palo Alto, CA 94306-1106 (hereinafter referred to as the assignee) 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 THEREFORE, 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.

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AND for the same consideration, said assignors hereby covenant and agree to and with said assignes, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignce, or the counsel of its auccessors, 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 assignes, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assigners hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assigner 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, legal representatives and assigns.

| Dato | Name of Inventor COOKE, JOHN |
|-----------------------|---------------------------------|
| Date | Name of Inventor |
| Dato Telerusry 2, 200 | Name of Inventor |
| Date | Name of Inventor |

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Atty Docket No. STAN-142CIP

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 - for which an application for a United States Patent was executed on _____, and

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| Date | Name of Inventor _ | |
|-------------------|--------------------|-----------------------|
| | | COOKE, JOHN |
| Date | Name of Inventor _ | |
| <u> </u> | | JANG, JAMES |
| | | |
| Date | | TSAO, PHILLIP |
| Daie Jan 23, 2006 | 2 | 1 to 1 |
| Date MI = | Name of Inventor_ | HEESCHEN, CHRISTOPHER |
| • | | |

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PATENT REEL: 017714 FRAME: 0565

RECORDED: 06/02/2006