PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee name previously recorded on Reel 019135 Frame 0164. Assignor(s) hereby confirms the correct Assignee name is THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	

CONVEYING PARTY DATA

Name	Execution Date
Daniel KRAFT	03/30/2012
James HOLE	02/25/2012

RECEIVING PARTY DATA

Name:	The Board of Trustees of the Leland Stanford Junior University
Street Address:	450 Serra Mall
City:	Stanford
State/Country:	CALIFORNIA
Postal Code:	94305

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8043253

CORRESPONDENCE DATA

 Fax Number:
 (650)284-2180

 Phone:
 6502424210

 Email:
 qnguyen@lbhip.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: LEVINE BAGADE HAN LLP
Address Line 1: 2400 GENG ROAD, SUITE 120
Address Line 4: PALO ALTO, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:	RGNM-N-Z001.01-US
NAME OF SUBMITTER:	Johney U. Han

Total Attachments: 14

PATENT REEL: 028062 FRAME: 0455 OP \$40.00 80432

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PATENT REEL: 028062 FRAME: 0456 USPTO 4/9/2007 6:39:12 PM PAGE 4/004 Fax Server

TO:LEVINE BAGADE HAN LLP COMPANY:2483 EAST BAYSHORE ROAD

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 04/09/2007 500254895

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Daniel KRAFT	06/04/2003
James HOLE	06/04/2003

RECEIVING PARTY DATA

Name:	STANFORD OFFICE OF TECHNOLOGY LICENSING
Street Address:	1075 El Camino Real
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94306-1106

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11675019

CORRESPONDENCE DATA

Fax Number: (650)284-2180

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-242-4210

Email: qnguyen@lbhip.com

Correspondent Name: LEVINE BAGADE HAN LLP

Address Line 1: 2483 EAST BAYSHORE ROAD

Address Line 2: SUITE 100

Address Line 4: PALO ALTO, CALIFORNIA 94303

NAME OF SUBMITTER: STMCNZ00101

Johney Han

Total Attachments: 1

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PATENT REEL: 028062 FRAME: 0457

Docket No. : STAN-P004

<u>Assignment</u>

Whereas, We DANIEL KRAFT, JAMES HOLE having agreed to assign the below identified invention to STANFORD, TECHNOLOGY OFFICE ("ASSIGNEE"), a corporation having its principal place of business at 1075 El Camino Real, Palo Alto, CA 94306-1106 for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto STANFORD, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

Device and Method For Rapid Aspiration and Collection of Body Tissue from within an Enclosed Body Space

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, or			
X Serial No.: 60/384,998 and described therein, and any and all Let which may be granted thereon or therefor,	filed on 6/4 ters Patent of the Unite	4/2002 and of	d the inventions set forth countries foreign thereto
And for the above consideration, we agr			

assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to STANFORD, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: DANIELYCRAFT Date: 6/4/43

Inventor's Signature: Date: 6-4-03

PATENT REEL: 028062 FRAME: 0458

ASSIGNMENT

THIS ASSIGNMENT, by Daniel KRAFT and James HOLE (hereinafter referred to as the assignors), residing at 30 Peter Coutts Circle, Stanford, CA 94305, USA and 1523 Willow Avenue, Burlingame, CA 94010, USA, respectively, witnesseth:

WHEREAS, said assignors, individually or in combination, have invented certain new and useful improvements set forth in applications for Letters Patent of the United States, United States of America patents, United States of America provisional patent applications, PCT applications and all foreign applications for which the application numbers, filing dates, titles and attorney docket numbers, respectively are detailed in the list that follows:

Application No.: 2003240512 Filing Date: June 4, 2003 Patent No.: 2003240512 Issue Date: February 25, 2010

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-AU

Application No.: 2498962 Filing Date: June 4, 2003

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-CA

Application No.: 3731524.9 Filing Date: June 4, 2003

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-EP

Application No.: 2004-508671 Filing Date: June 4, 2003 Patent No.: 4808961

Issue Date: August 26, 2011

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-JP

Application No.: 2011-152419 Filing Date: July 11, 2011

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-JP-1

Application No.: PCT/US2003/017511

Filing Date: June 4, 2003

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-WO

Application No.: 10/454,846 Filing Date: June 4, 2003 Patent No.: 7462181

Issue Date: December 9, 2008

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-US

Application No.: 11/675,019 Filing Date: February 14, 2007

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.01-US

Application No.: 11/675,031 Filing Date: February 14, 2007

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.02-US

Application No.: 11/675,035 Filing Date: February 14, 2007

Patent No.: 8002733

Issue Date: August 23, 2011

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.03-US

Application No.: 60/384,998 Filing Date: June 4, 2002

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: N/A

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, an institution duly organized under and pursuant to the laws of California and having its principal place of business at 450 Serra Mall, Stanford, CA 94305, USA, (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions 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 therefore and thereon:

NOW, THEREFORE, for good and sufficient consideration, receipt of which is hereby acknowledged by assignors, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to, and the right to claim priority to and for the above-mentioned inventions, 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 therefore 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 the use 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 inventions 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 inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions 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 inventions, 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. Such cost and expense shall include, but is not limited to, lost normal compensation of the respective assignors.

AND this Assignment is effective on no later than the day of the initial filing of the earliest of the patent applications listed herein. This Assignment shall be governed by and construed in accordance with the laws of the State of California and the federal law of the United States of America without reference to conflict of laws principles.

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 inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

3-30-2012	TILL KA
Date	Daniel KRAFT
Date	James HOLE
Signature on be	half of Assignee:
Date	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
	Nance:

ASSIGNMENT

30 Congrasor Road Mosman NSW 2088 Australia

THIS ASSIGNMENT, by Daniel KRAFT and James HOLE (hereinafter referred to as the assignors), residing at 30 Peter Courts Circle, Stanford, CA 94305, USA and 1523 Willow — Avenue, Burlingame, GA-94010, USA, respectively, witnesseth:

WHEREAS, said assignors, individually or in combination, have invented certain new and useful improvements set forth in applications for Letters Patent of the United States, United States of America patents, United States of America provisional patent applications, PCT applications and all foreign applications for which the application numbers, filing dates, titles and attorney docket numbers, respectively are detailed in the list that follows:

Application No.: 2003240512 Filing Date: June 4, 2003 Patent No.: 2003240512 Issue Date: February 25, 2010

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-AU

Application No.: 2498962 Filing Date: June 4, 2003

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-CA

Application No.: 3731524.9 Filing Date: June 4, 2003

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-EP

Application No.: 2004-508671 Filing Date: June 4, 2003 Patent No.: 4808961

Issue Date: August 26, 2011

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-JP

Application No.: 2011-152419 Filing Date: July 11, 2011

Tide: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-JP-1

Application No.: PCT/US2003/017511

Filing Date: June 4, 2003

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-WO

Application No.: 10/454,846 Filing Date: June 4, 2003 Patent No.: 7462181

Issue Date: December 9, 2008

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-US

Application No.: 11/675,019 Filing Date: February 14, 2007

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.01-US

Application No.: 11/675,031 Filing Date: February 14, 2007

Tide: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.02-US

Application No.: 11/675,035 Filing Date: February 14, 2007

Patent No.: 8002733

Issue Date: August 23, 2011

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.03-US

Application No.: 60/384,998 Filing Date: June 4, 2002

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: N/A

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, an institution duly organized under and pursuant to the laws of California and having its principal place of business at 450 Serra Mall, Stanford, CA 94305, USA, (hereinafter referred to as the assignce) is desirous of acquiring the entire right, title and interest in and to said inventions 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 therefore and thereon:

NOW, THEREFORE, for good and sufficient consideration, receipt of which is hereby acknowledged by assignors, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to, and the right to claim priority to and for the above-mentioned inventions, 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 therefore 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 the use 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 this Assignment is effective on no later than the day of the initial filing of the earliest of the patent applications listed herein. This Assignment shall be governed by and construed in accordance with the laws of the State of California and the federal law of the United States of America without reference to conflict of laws principles.

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 inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date Date	Daniel KRAFT
2-25-12 Date	James MOLE
Signature on behalf	f Assignee:
Date	THE BOARD OF TRUSTEES OF THE LELAND STANFOR JUNIOR UNIVERSITY
	Name:

ASSIGNMENT

THIS ASSIGNMENT, by Daniel KRAFT and James HOLE (hereinafter referred to as the assignors), residing at 30 Peter Coutts Circle, Stanford, CA 94305, USA and 1523 Willow Avenue, Burlingame, CA 94010, USA, respectively, witnesseth:

WHEREAS, said assignors, individually or in combination, have invented certain new and useful improvements set forth in applications for Letters Patent of the United States, United States of America patents, United States of America provisional patent applications, PCT applications and all foreign applications for which the application numbers, filing dates, titles and attorney docket numbers, respectively are detailed in the list that follows:

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BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

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Application No.: 2498962 Filing Date: June 4, 2003

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

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Attorney Docket No.: RGNM-N-Z001.00-CA

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Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

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Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-WO

Application No.: 10/454,846 Filing Date: June 4, 2003 Patent No.: 7462181

Issue Date: December 9, 2008

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.00-US

Application No.: 11/675,019 Filing Date: February 14, 2007

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.01-US

Application No.: 11/675,031 Filing Date: February 14, 2007

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

BODY TISSUE FROM WITHIN AN ENCLOSED BODY SPACE

Attorney Docket No.: RGNM-N-Z001.02-US

Application No.: 11/675,035 Filing Date: February 14, 2007

Patent No.: 8002733

Issue Date: August 23, 2011

Title: DEVICE AND METHOD FOR RAPID ASPIRATION AND COLLECTION OF

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Attorney Docket No.: RGNM-N-Z001.03-US

Application No.: 60/384,998 Filing Date: June 4, 2002

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Attorney Docket No.: N/A

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, an institution duly organized under and pursuant to the laws of California and having its principal place of business at 450 Serra Mall, Stanford, CA 94305, USA, (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions 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 therefore and thereon:

NOW, THEREFORE, for good and sufficient consideration, receipt of which is hereby acknowledged by assignors, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to, and the right to claim priority to and for the above-mentioned inventions, 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 therefore 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 the use 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 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 inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date	Daniel KRAFT
	Y HOLD
Date	James HOLE

Signature on behalf of Assignee:

4/5/12 Charine Ku

THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY

Name: KATHARINE KU

Title: DIRECTOR, TECHNOLOGY LICENSING