

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3028252

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL ALTMAN	03/15/2013
OLGA GREEN	03/15/2013
JAMES KAVANAUGH	03/19/2013
HUA LI	03/19/2013
SASA MUTIC	03/20/2013
HASANI WOOTEN	03/19/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WASHINGTON UNIVERSITY
<b>Street Address:</b>	ONE BROOKINGS DRIVE
<b>City:</b>	ST. LOUIS
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63130
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14454000
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)685-7059
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	404 815 3759
<b>Email:</b>	gkirsch@sgrlaw.com
<b>Correspondent Name:</b>	GREGORY J. KIRSCH
<b>Address Line 1:</b>	1230 PEACHTREE STREET, N.E.
<b>Address Line 2:</b>	SUITE 3100, PROMENADE
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	061896.002US1
<b>NAME OF SUBMITTER:</b>	GREGORY J. KIRSCH
<b>SIGNATURE:</b>	/Gregory J. Kirsch/
<b>DATE SIGNED:</b>	09/18/2014
<b>Total Attachments: 9</b>	

PATENT

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## TECHNOLOGY ASSIGNMENT

WU Case: 013577

### ASSIGNORS:

Michael Altman

Olga Green

James Kavanaugh

Hua Li

Sasa Mutic

Hasani Wooten

WHEREAS, the aforementioned individuals (the "ASSIGNORS") have developed a certain INVENTION having WU OTM Case No. 013577 and being entitled A method and tool for validation and quality assurance of digital contours of human anatomy (collectively, with all future enhancements and improvements thereto as well as all related original works of authorship related thereto other than those solely of an artistic, literary or scholarly nature, as the "INVENTION");

WHEREAS, the ASSIGNORS have executed an APPLICATION for a United States Patent based on the INVENTION, entitled "**A System and Method for Validation and Quality Assurance of Computerized Contours of Human Anatomy**" filed on **August 7, 2014** and assigned APPLICATION Serial No. 14/454,000. (the "APPLICATION");

WHEREAS, Washington University, a corporation of the State of Missouri having its principal office and place of business at One Brookings Drive, St. Louis, Missouri, 63130, ("ASSIGNEE") is desirous of acquiring the entire and exclusive right, title, and interest in and to the INVENTION and the APPLICATION; as provided for in the Washington University Intellectual Property Policy;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest in the United States (including its

territories and dependencies) and all countries foreign thereto in, to and under the INVENTION, the APPLICATION, and any other United States APPLICATIONS (including provisional, non-provisional, divisional, continuing and reissue APPLICATIONS) based in whole or in part on the APPLICATION or in whole or in part on the INVENTION, and any patents (including extensions thereof) of any country that have been or may be granted on any of the aforesaid APPLICATIONS or on the INVENTION or any part thereof and including all rights to claim priority through any international convention or treaty and all copyrights on or related to the INVENTION;

ASSIGNORS each agree, to each creator's binding personal share of any income generated by the INVENTION as delineated in the attached Exhibit A, and that all future agreements regarding such personal shares shall be in writing and signed by all creators;

ASSIGNORS hereby warrant and represent to Assignee, its successors, legal representatives and assigns, that at the time of execution of this assignment, the ASSIGNORS listed above are the sole individuals employed by the ASSIGNEE who have made contributions to the INVENTION, that the ASSIGNORS are unencumbered and have good and full right and lawful authority to sell and convey the same in the manner herein set forth, and that all works of authorship assigned herein are original works created solely by the ASSIGNORS and are free from plagiarized, libelous, obscene or infringing material;

ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States of America, to issue any and all United States Patents that may be granted on any assigned APPLICATION or on the INVENTION or any part thereof, in the name of ASSIGNEE;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this sale, assignment and transfer;

ASSIGNORS hereby grant to ASSIGNEE and its agents and attorneys the power and right to insert herein the title, serial number and filing date of the APPLICATION, the OTM case number and title of the INVENTION after this Assignment is executed by the ASSIGNORS; and

ASSIGNORS further covenant that upon ASSIGNEE's request they will provide promptly to ASSIGNEE all pertinent facts and documents relating to the aforesaid APPLICATIONS and the INVENTION as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives without further consideration any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the aforesaid

APPLICATIONS that may be deemed necessary or desirable by ASSIGNEE to carry out the purposes hereof.

For the event that ASSIGNEE is unable, after reasonable effort, to secure any ASSIGNOR's signature on any APPLICATION, paper or other instrument relating to any patent, patent APPLICATION, letters patent, copyright or other analogous protection relating to the INVENTION in any country, whether because of the ASSIGNOR's mental incapacity, death or for any other reason whatsoever, each ASSIGNOR hereby irrevocably designates and appoints ASSIGNEE and its duly authorized officers and agents as each ASSIGNOR's agent and attorney in fact to act for and to execute and file any such APPLICATION, paper or other instrument on ASSIGNOR's behalf and to do all other lawfully permitted acts to further the prosecution and issuance of any patent, patent APPLICATION, letters patent, copyright or any other analogous protection related to the INVENTION with the same legal force and effect as if executed by such ASSIGNOR.

For the convenience of the parties, any number of counterparts of the Assignment may be executed by the parties hereto. Each such counterpart shall be and shall be deemed to be an original instrument but all such counterparts taken together shall constitute one and the same assignment.

IN WITNESS WHEREOF, the ASSIGNORS have hereunto set their hand to the foregoing assignment.

Michael B Altman  
Signature -- Michael Altman

3/15/13  
Date

Name: Michael Altman

Home Address: 705 Interdrive #2N  
University City MO 63130

ACKNOWLEDGMENT

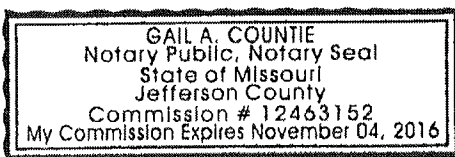
STATE OF Missouri )  
 ) SS.  
CITY OF Jefferson County )

On this 15 day of March, 2013, before me, a Notary Public, personally appeared Michael Altman, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Gail A Countie  
Notary Public

My Commission Expires: November 4, 2016



\_\_\_\_\_[SEAL]

Olga L. Green  
Signature - Olga Green

3/15/2013  
Date

Name: Olga Green

Home Address: 4307 S. Grand Blvd  
St. Louis MO 63111

ACKNOWLEDGMENT

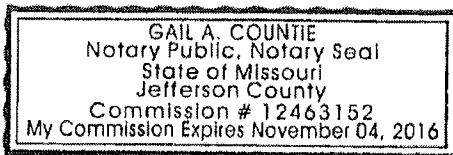
STATE OF Missouri )  
CITY OF Jefferson County ) SS.

On this 15 day of March, 2013, before me, a Notary Public, personally appeared Olga Green, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Gail A. Countie  
Notary Public

My Commission Expires: November 4, 2016



\_\_\_\_\_[SEAL]

James A. Kavanaugh  
Signature -- James Kavanaugh

3/19/13  
Date

Name: James Kavanaugh

Home Address: 5630 Pershing Ave. Unit 29  
St. Louis, MO 63112

ACKNOWLEDGMENT

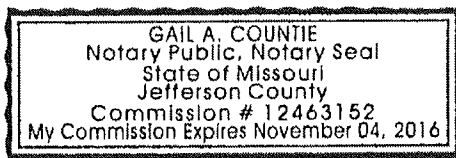
STATE OF Missouri )  
CITY OF Jefferson County ) SS.

On this 19 day of March, 2013, before me, a Notary Public, personally appeared James Kavanaugh, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Gail A. Countie  
Notary Public

My Commission Expires: November 4, 2016



\_\_\_\_\_[SEAL]



Hasani Omar Wooten  
Signature -- Hasani Wooten

3/19/13  
Date

Name: Hasani Wooten

Home Address: 527 Clara Ave #1  
St Louis MO 63112

ACKNOWLEDGMENT

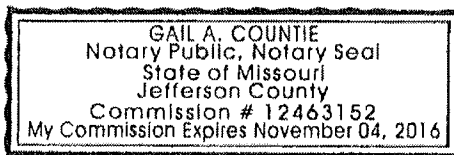
STATE OF Missouri )  
CITY OF Jefferson County ) SS.

On this 19 day of March, 2013, before me, a Notary Public, personally appeared Hasani Omar Wooten, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Gail A. Countie  
Notary Public

My Commission Expires: November 4, 2016



\_\_\_\_\_[SEAL]

Hua Li

Signature -- Hua Li

03/19/2013

Date

Name: Hua Li

Home Address: 1326 Amherst Terrace Way  
Chesterfield, MO 63017

ACKNOWLEDGMENT

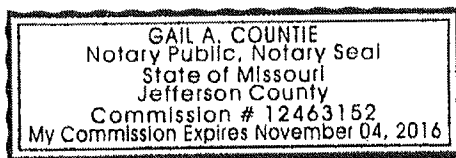
STATE OF Missouri )  
CITY OF Jefferson County ) SS.

On this 19 day of March, 2013, before me, a Notary Public, personally appeared Hua Li, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Gail A. Countie  
Notary Public

My Commission Expires: November 4, 2016



[SEAL]

[Signature]  
Signature -- Sasa Mutic

3/20/13  
Date

Name: Sasa Mutic

Home Address: 11207 MOSLEY Hill  
CAVE COEUR No 63141

ACKNOWLEDGMENT

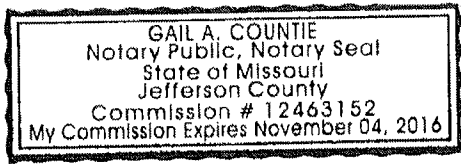
STATE OF Missouri )  
 ) SS.  
CITY OF Jefferson County )

On this 20 day of March, 2013, before me, a Notary Public, personally appeared Sasa Mutic, known to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Gail A Countie  
Notary Public

My Commission Expires: November 4, 2016



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