506784954 07/26/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HSIN-CHEN CHEN	06/05/2015
JUN TAN	06/05/2015
SASA MUTIC	06/08/2015
HUA LI	06/05/2015
JAMES KAVANAUGH	06/12/2015
MICHAEL ALTMAN	06/12/2015

RECEIVING PARTY DATA

Name:	WASHINGTON UNIVERSITY
Street Address:	ONE BROOKINGS DRIVE
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16451760

CORRESPONDENCE DATA

Fax Number: (314)612-2307

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.

Phone: 3146215070

Email: uspatents@armstrongteasdale.com

PATRICK E. BRENNAN **Correspondent Name:**

Address Line 1: ARMSTRONG TEASDALE LLP Address Line 2: 7700 FORSYTH BLVD., SUITE 1800

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER: 013577/CIP1-DIV PATRICK E. BRENNAN NAME OF SUBMITTER: **SIGNATURE:** /Patrick E. Brennan/ DATE SIGNED: 07/26/2021

PATENT REEL: 056977 FRAME: 0505 506784954

Total Attachments: 3

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PATENT REEL: 056977 FRAME: 0506 Washington University Reference No. 013577-CIP1/1

ASSIGNMENT AGREEMENT

ASSIGNORS:

Hsin-Chen Chen

Jun Tan

Sasa Mutic

Hua Li

James Kavanaugh

Michael Altman

WHEREAS, the aforementioned individuals (the "ASSIGNORS") have invented certain new and useful apparatus, methods, compositions, inventions, discoveries and/or improvements disclosed in U.S Patent Application Serial No. 14/700,592, filed April 30, 2015 and entitled "A System and Method for the Validation and Quality Assurance of Computerized Contours of Human Anatomy";

AND WHEREAS, Washington University, having an address located at One Brookings Drive, St. Louis, Missouri 63130 (hereinafter the "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application(s) and the apparatus, inventions, discoveries, methods, compositions, and improvements therein disclosed;

NOW THEREFORE, for good and valuable consideration paid to us by said Assignee, including certain rights to share in royalties and other payments in accordance with Assignee's intellectual property policy, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said Assignee the entire right, title, and interest in and to said application(s) and the apparatus, methods, compositions, inventions, discoveries and improvements therein disclosed for the United States of America and its territories and all foreign countries and any Letters Patent which may issue therefor in the United States and its territories and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, including the right to apply for Letters Patents in each foreign country and the United States of America and its territories, in its own name and to claim any and all priority rights under the International Convention, other conventions, treaties, or otherwise associated therewith for each country and the United States of America and its territories, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this Assignment not been made.

The U.S. Patent and Trademark Office is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application(s), apparatus, methods, compositions, inventions, discoveries and improvements, that the same are unencumbered, that no license has been granted to make, use, or sell the said apparatus, methods, compositions, inventions, discoveries or improvements, and that we have the full right to make this Assignment.

Patent Assignment_04-24-15

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And for said consideration, we agree individually that we will communicate to said Assignee or the representatives thereof any facts known to me respecting said apparatus, methods, compositions, inventions, discoveries and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned.

And for said consideration, the undersigned hereby agrees to execute, at the request of said Assignee, all documents in connection with any application for foreign letters patent therefor.

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 application after this Assignment is executed by the Assignors.

This Assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said Assignee.

Date: 6/5/2015	Hsin-Chen Chen	
Dale	Hsint Chen	
	818 S. Brentwood Blvd., Apt. 1B	
	Residential Street Address	
	Clayton, MO 63105	
	Residential City, State, Zip Code	
Date:	Jun Tan	
	प्राप्त विश्व AEDB486 900 Redcedar Way Dr	
	Residential Street Address	
	Coppell, TX 75019	
	Residential City, State, Zip Code	
	سسر DocuSigned by:	
Date: <u>6/8/2015</u>	Sasa Mutic	
	Sasa Minage 40C	
	11207 Mosley Hill	
	Residential Street Address	
	Creve Coeur MO 63141	
	Residential City, State, Zip Code	

6/12/2015 Signature Director Technology Management Date

RECORDED: 07/26/2021

PATENT REEL: 056977 FRAME: 0509