503750792 03/23/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3797438

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN SUK HUR	03/17/2016
WOO CHAN PARK	03/16/2016

RECEIVING PARTY DATA

Name:	SILICONARTS, INC.
Street Address:	55, OGEUM-RO 11-GIL, SONGPA-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	138-828
Name:	INDUSTRY-ACADEMIA COOPERATION FOUNDATION OF SEJONG UNIVERSITY
Street Address:	209, NEUNGDONG-RO, GWANGJIN-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	143-747

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15078643

CORRESPONDENCE DATA

Fax Number: (703)935-8473

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: 571-313-7556

Email: mail@paratus-law.com

Correspondent Name: PARATUS LAW GROUP, PLLC **Address Line 1:** 620 HERNDON PARKWAY

Address Line 2: SUITE 320

Address Line 4: HERNDON, VIRGINIA 20170

ATTORNEY DOCKET NUMBER:	662-0030A
NAME OF SUBMITTER:	LENNY R. JIANG
SIGNATURE:	/Lenny R. Jiang/

PATENT 503750792 REEL: 038237 FRAME: 0803

DATE SIGNED:	03/23/2016											
	This document serves as an Oath/Declaration (37 CFR 1.63).											
Total Attachments: 4												
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source=03_662-0030A_ExecutedDecan	dAssignments#page2.tif											
source=03_662-0030A_ExecutedDecandAssignments#page3.tif												
source=03_662-0030A_ExecutedDecan	dAssignments#page4.tif											

PATENT REEL: 038237 FRAME: 0804 DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	RAY TRACING CORE AND RAY TRACIN	G CHIPHAVIN	THE SAME
	amed inventor, I hereby declare that:		
This declaration is directed to:	s [Signal The attached application, or		
	United States application or PCT international Application numberfiles	I on	

The above-identified application was made or authorized to be made by me-

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, 1) <u>SILICONARTS, INC.</u>, with offices at 55, <u>Ogeum-ro 11-gil</u>, <u>Sonepa-gia</u>, <u>Seoul 138-828</u>, <u>Republic of Korea</u>; and 2) <u>INDUSTRY-ACADEMIA COOPERATION</u>
<u>FOUNDATION OF SEJONG UNIVERSITY</u>, with offices at <u>209</u>, <u>Neungdong-ro</u>, <u>Gwangtin-gu</u>, <u>Seoul 143-747</u>, <u>Republic of Korea</u> (hereinafter referred to as ASSIGNEE), are desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignce of the whole right, title and interest thereto;

Paratus Law Group, PLLC 628 Herodon Fusking, Spile 236 Herodon, VA 2013h 866 (871) 813-7576 (Fan (201) 938-847)

> PATENT REEL: 038237 FRAME: 0805

PTO/ALA/01 (06-12) (MODIFTED) Attorney Docket No.: 662-8838A Client Ref. No.: H816OV801P-US-CA

2 page / 2 pages

Signature: 1/4/

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto:

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR	
Inventor: <u>HUR, Jin Suk</u>	****

Paratus Law Group, PLLC 638 Herodon Forkers, State 238 Herodon, NA 29178 Tale (87) 310-7576 (Par. (783) 938-847)

> PATENT REEL: 038237 FRAME: 0806

Attorney Docket No.: 662-0030A Client Ref. No.: HS16OV001P-US-CA

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	RAY TRACING CORE AND RAY TRACING CHIP HAVING THE SAME
As the below name	I inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international Application number filed on,
	d application was made or authorized to be made by me. the original inventor or an original joint inventor of a claimed invention in the
138-828. Republic FOUNDATION Of Seoul 143-747, Republication and the second sec	LICONARTS, INC., with offices at 55, Ogeum-ro 11-gil, Songpa-gu, Scoul of Korea; and 2) INDUSTRY-ACADEMIA COOPERATION F SEJONG UNIVERSITY, with offices at 209, Neungdong-ro, Gwangjin-gu, public of Korea (hereinafter referred to as ASSIGNEE), are desirous of acquiring ad under said invention, said application disclosing the invention and in, to and Patent or similar legal protection which may be granted therefor in the United ad all foreign countries;
valuable considerat presents do hereby	E, in consideration of the sum of One Dollar (\$1.00), and other good and ion, the receipt and sufficiency of which are hereby acknowledged. I by these assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal entire right, title and interest in said invention, said application, including any

Paratus Law Group, PLLC

assignee of the whole right, title and interest thereto;

divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the

PTO/AIA/01 (06-12) (MODIFIED) Attorney Docket No.: 662-0030A Client Ref. No.: HS16OV001P-US-CA

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto:

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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Inventor: PARK, Woo Chan

Signature: