PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6900066

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN A. ROGERS	04/24/2018
SHUAI XU	03/20/2018
IN HWA JUNG	06/05/2018
HA UK CHUNG	06/01/2018

RECEIVING PARTY DATA

Name:	NORTHWESTERN UNIVERSITY
Street Address:	633 CLARK STREET
City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60208

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17466094

CORRESPONDENCE DATA

Fax Number:

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: 6172390100

Email: patent@lockelord.com
Correspondent Name: LOCKE LORD LLP
Address Line 1: P.O. BOX 55874

Address Line 4: BOSTON, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER:	0116936.205US3
NAME OF SUBMITTER:	TIM TINGKANG XIA
SIGNATURE:	/Tim Tingkang Xia/
DATE SIGNED:	09/03/2021

Total Attachments: 7

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PATENT REEL: 057380 FRAME: 0973

ASSIGNMENT

WHEREAS, I:

- John A. ROGERS, residing at 1236 Greenwood Avenue, Wilmette, Illinois, 60091, United States of America;
- Shual XU, residing at 420 E. Ohio St., 4F, Chicago, Illinois, 60611; United States of America;
- 3. In Hwa JUNG, residing at 1930 Ridge Ave., #A306, Evanston, Illinois, 60201, United States of America:
- 4. Ha Uk CHUNG, residing at 1900 Central St., #1W, Evanston, Iillnois, 60201, United States of America:

(herein called "ASSIGNORS"), in connection with the invention entitled:

"Epidermal Virtual Reality Devices";

for which the following patent applications:

Application Type	Application Serial No.	Filing Date
PCT International Application	PCT/US18/15472	January 26, 2018

was submitted or filed (the "LISTED APPLICATIONS");

AND WHEREAS, **NORTHWESTERN UNIVERSITY** (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Illinois, having a principal place of business at:

633 Clark Street Evanston, Illinois, 60208

is desirous of obtaining our entire right, title and interest in, to and under the said invention and the LISTED APPLICATIONS;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention and discoveries disclosed in the LISTED APPLICATIONS, and the LISTED APPLICATIONS and all divisions, renewals, continuations and subsequent

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REEL: 057380 FRAME: 0974

applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

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598797: 40-17 WO Assignment

<u> </u>	whose :	JOHN A. ROGERS	74.	W.
STATE OF)) 88.)			
BEFORE ME, the undersigned <u>국이구</u> (year), personally whose name is subscribed to executed the same of his/her expressed.	rappeared this instrui own free	l the above person, k ment and who ackno	nown to me to be the weath of the street of	it he/she
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Vy Commission expires:		Notary	Public	
∿dditional Assignors on additio	nal sheets	s: Yes		

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REEL: 057380 FRAME: 0976

Date	JOHN A. ROGERS
STATE OF	
COUNTY OF	
whose name is subscribed to this instri	y, on thisday of(month), ad the above person, known to me to be the person ument and who acknowledged to me that he/she s will for the purposes and consideration herein
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(year), personally appeare whose name is subscribed to this instru	y, on this <u>2e</u> day of <u>Nexet</u> (month), d the above person, known to me to be the person iment and who acknowledged to me that he/she will for the purposes and consideration herein
Date: <u>NAME 20 (2015</u>	
My Commission expires: [688 11.2019	Public OFFICIAL SEAL JENANCES LEE Notary Public - State of ISlands My Commission Expires reb 11, 2018
Additional Assignors on additional shee	ts: Yes

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Additional Assignors on additional sheets: No

Page 4 of 5

Date	IN HWA JUNG
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Date:	Notary Public
My Commission expires:	
06/01/18 Date	the Us Church
Date	HA UK CHUNG
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COUNTY OF <u>[[[Nnn5</u>]	
<u> </u>	on this day of \times (month), the above person, known to me to be the person ment and who acknowledged to me that he/she will for the purposes and consideration herein
Date: <u> </u>	Notar/Public
My Commission expires: リノレノシー	
Additional Assignors on additional sheet:	OFICIAL SEAL NOTARY POLICE - STATE OF ELECTION SI NO WY COMMISSION EXPRESS 148891

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598797: 40-17 WO Assignment

ASSIGNEE ACCEPTANCE: Northwestern University:

On behalf of Northwestern University, Assignee, the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this Assignment.

Authorized Signature:

Date:

Printed Name

Lolita Buckingham, Invention Specialist or

Heather Fletcher, Manager of INVO Docketing & Compliance

Department: Innovation and New Ventures Office (INVO)

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