503758519 03/29/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES J. NORMAN	10/17/2015

RECEIVING PARTY DATA

Name:	GEORGIA TECH RESEARCH CORPORATION
Street Address:	505 10TH STREET, SW
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30332

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15025683

CORRESPONDENCE DATA

Fax Number: (404)853-8806

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: 404.853.8037

Email: elissa.kingsland@sutherland.com

Correspondent Name: SUTHERLAND ASBILL & BRENNAN LLP
Address Line 1: 999 PEACHTREE STREET, NE., SUITE 2300

Address Line 4: ATLANTA, GEORGIA 30332

ATTORNEY DOCKET NUMBER:	17625-0157
NAME OF SUBMITTER:	ELISSA KINGSLAND
SIGNATURE:	/Elissa Kingsland/
DATE SIGNED:	03/29/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 503758519 REEL: 038125 FRAME: 0289

Attorney Docket 17625-0146

COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY PATENT APPLICATION

I, the undersigned inventor, James J. Norman, a citizen of the United States of America, residing at 11351 Woodglen Drive, Unit 339, North Bethesda, MD 20852 (hereinafter, "ASSIGNOR") have invented certain inventions and improvements disclosed in PCT patent application No. PCT/US2014/058406, entitled "Microneedle Patches, Systems, and Methods," filed September 30, 2014, which claims priority to U.S. Provisional Application No. 61/884,396, entitled "Microneedle Devices," filed on September 30, 2013, U.S. Provisional Application No. 62/029,202, entitled "Tabbed Microneedle Patch for Simple Administration," filed on July 25, 2014, and U.S. Provisional Application No. 62/024,062, entitled "Microneedle patches with feedback mechanisms," filed on July 14, 2014;

WHEREAS, I, ASSIGNOR, as one of the joint inventors of the above-identified PCT patent application, hereby declare that:

- (a) the above-identified application was made or authorized to be made by me,
- (b) I believe that I am an original joint inventor of a claimed invention in the application, and
- (c) 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.

WHEREAS, Georgia Tech Research Corporation, a Georgia conprofit corporation with offices located at 505 10th Street, SW, Atlanta, GA 30332 (hereinafter, "ASSIGNEE"), is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto ASSIGNEE, my full, exclusive and entire right, title, and interest in and to said application, in and to any U.S. national phase application, divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and I, ASSIGNOR, hereby request the Commissioner of Patents and Trademarks to issue any said Letters Patents of the United States resulting from said application, or from a division, continuation, or reissue thereof, to ASSIGNEE, as the assignee, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives;

For the same consideration, I, ASSIGNOR, by these presents do sell, assign, and transfer to ASSIGNEE my full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in 27(19554.)

PATENT REEL: 038125 FRAME: 0290 COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY PATENT APPLICATION PCT/US2014/058406 Page 2 of 2

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countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of ASSIGNEE, or its designee insofar as permitted by applicable law;

AND, for the same consideration, I, ASSIGNOR, agree to sign all lawful papers, execute all non-provisional applications and other applications, make all assignments and rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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Date	James J. Norman	and and purk across the last state of the last s
STATE OF MOLCY/CO	W&	
COUNTY OF WOY!	Homery	
	y Public in and for the State of <u>MOKY</u> ONE <u>DEC</u> , 2015, personally appeared James ed and acknowledged the foregoing Assignment as his fro	
OPOT-RO'S	D'Oello-	
My Commission Expires $\underline{\underline{C}}$	11-18-2019	
(SEAL)		

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RECORDED: 03/29/2016