503348082 06/12/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
			Name Execution			
YONGGANG HUANG				04/21/2014		
RECEIVING PARTY DATA Northwestern University						
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Property Type		Number				
Application Number: 1470		1470	6733			
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NAME OF SUBMITTER:		GARY B. CHAPMAN				
SIGNATURE:		/gbchapmanREG51279/				
DATE SIGNED:		06/12/2015				
Total Attachments: 3						
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	xd_assign	ment_	NW#page2.tif			

ASSIGNMENT

WHEREAS, I:

1. Yonggang HUANG, residing at 758 Strawberry Hill Drive, Glencoe, Illinois, 60022, United States of America;

(herein called "ASSIGNOR"), am a named inventor of the invention entitled:

"Stretchable and Foldable Electronic Devices";

for which the following patent application(s):

Application Type	Application Serial No.	Filing Date					
United States Patent Application	13/974,963	August 23, 2013					
ware submitted or filed (collectively the "LISTED ADDI (CATIONS").							

were submitted or filed (collectively, 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, IL 60208 United States of America,

is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application(s);

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt of which is 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 the sald United States Application and all divisions, renewals, continuations and subsequent 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

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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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4/21/2014 Date NG HUANG STATE OF) ss. COUNTY OF Ì BEFORE ME, the undersigned authority, on this day of (month), 19 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed. Date: Notan Public 9 My Commission expires: WY COMMISSION EXPIRES 5/21/2 OFFICIAL BEVERLY RUTH MILLIGAN NOTARY PUBLIC, STATE OF ILLIN NOTARY PUBLIC, STATE OF ILLINOIS TIM HTUR YJR3Y38 MY COMMISSION EXPISES 5/21/2017 33O, 31

Additional Assignors on additional sheets: No

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RECORDED: 06/12/2015