PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
KWANGHEE LEE	09/30/2015
SEOUNG-HO LEE	09/30/2015
JONG-HOON LEE	09/30/2015
SONG-YI JEONG	09/30/2015

RECEIVING PARTY DATA

Name:	GWANGJU INSTITUTE OF SCIENCE AND TECHNOLOGY	
Street Address:	eet Address: 123 CHEMODAN-GWAGIRO, BUK-GU	
City:	ity: GWANGJU	
State/Country:	te/Country: KOREA, REPUBLIC OF	
Postal Code: 500-712		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14757459	

CORRESPONDENCE DATA

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Correspondent Name: YOON S. HAM Address Line 1: 2318 MILL ROAD Address Line 2: **SUITE 1400**

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 5230-0555 YOON S. HAM NAME OF SUBMITTER: /Yoon S. Ham/ SIGNATURE: **DATE SIGNED:** 01/20/2016

Total Attachments: 1

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PATENT REEL: 037527 FRAME: 0585 503655388

Client Ref. No.: GWP150182US

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

	1)	LEE, Kwanghee	2)	LEE, Seaung-Ho
	3)	LEE, Jong-Hoon	4)	JEONG, Song-Yi
	5)			x box if continued on page 2
INSTIT	UTE C	DF SCIENCE AND TECHNOLOGY ha	iving a	n, hereby sells, assigns and transfers unto <u>GWANGJU</u> place of business at <u>123 Cheomdan-gwagiro, Buk-gu,</u> and assigns (hereinafter designated "ASSIGNEE") the
	right,			f America as defined in 35 U.S.C. 100 in the invention
		P-DOPED CONJUGATED SMAI ELECTRONIC DEVICES USING		LECULAR ELECTROLYTE AND ORGANIC SAME
(a)		hich an application for United States I d States Patent Application No.		atent was filed on, and identified by; or
(b)	for w	hich an application for United States Lett	ers Pater	nt was executed on,
all Unit continu Propert agrees t applicat ASSIGI applicat ASSIGI	ed State ations in ations in the hat the AND tion for NEE, it tions for NEE, it tions for NEE, it in the tions for NEE, it tions for the tio	es Letters Patent which may be granted in-part thereof, and the right to all ben a said ASSIGNEE, for its interest as ASS attorneys of record in said application shiften undersigned hereby agrees to train and obtaining original, divisional, reissues successors, assigns and legal representation patent based thereon, growing out of a successors, assigns and legal representations.	therefore efits und SIGNEE, all herea nsfer a l ed or ext atives, ar or relat	States Commissioner of Patents and Trademarks to issue any and and any and all extensions, divisions, reissues, continuations, or fer the International Convention for the Protection of Industrial, its successors, assigns and legal representatives; the undersigned fler act on behalf of said ASSIGNEE; like interest, and to render all necessary assistance in making tended Letters Patent of the United States, upon request of the said and without further remuneration, in and to any improvements, and ed to the said invention; and to execute any papers by the said eemed essential to ASSIGNEE's full protection and fittle in and to
		eroby transferred. e date indicated aside my signature:		
l)	Kw LEE, I	Changhee		September 30, 2015 Date
2)	\mathcal{A}	JV 6 2		September 30, 2015
Name	: LEE,	Seoung-Ho		Date
3)	arrest and the state of the sta	L-Cer		September 30, 2015
Name	LEE, J	ong-Hoon		Date
4}	JE	SHE GHEYL G, Song-VI		September 30, 2015
Name	DEON	G, Song-Yi		Daie
5)				
Name		***************************************		note:

PATENT REEL: 037527 FRAME: 0586

RECORDED: 01/20/2016