

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3599230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONG TAE LIM	03/11/2014
JOON TAE AHN	03/12/2014
JEONG IK LEE	03/11/2014
HYE YONG CHU	03/13/2014
BYOUNG GON YU	03/11/2014
JONGHEE LEE	03/11/2014
JUN-HAN HAN	03/11/2014
JAEHYUN MOON	03/11/2014
RECEIVING PARTY DATA	
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Street Address:	161, GAJEONG-DONG, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-700
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14931202
CORRESPONDENCE DATA	
Fax Number:	(202)408-0924
<i>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.</i>	
Phone:	202-371-8976
Email:	firm@rabinberdo.com
Correspondent Name:	RABIN & BERDO, P.C.
Address Line 1:	1101 14TH ST., N.W., SUITE 500
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	KOR-519D1
NAME OF SUBMITTER:	STEVEN M. RABIN
SIGNATURE:	/Steven M. Rabin/

DATE SIGNED:	11/03/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=03_KOR-519D1_Assignment_and_Declaration#page1.tif source=03_KOR-519D1_Assignment_and_Declaration#page2.tif source=03_KOR-519D1_Assignment_and_Declaration#page3.tif	

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS LIM, Jong Tae, AHN, Joon Tae, LEE, JEONG IK, CHU, Hye Yong, YU, Byoung Gon, LEE, Jonghee, HAN, Jun-Han, MOON, Jaehyun of Republic of Korea hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

**DUAL-MODE PIXELS INCLUDING EMISSIVE AND REFLECTIVE DEVICES,
AND DUAL-MODE DISPLAY USING THE PIXELS**

☒ said application being attached hereto;

☐ said application having been filed in the United States Patent and Trademark Office on

_____, as Application Serial No. _____, and was amended
on _____ (if applicable);

☐ the specification of which was filed under the Patent Cooperation Treaty on _____,
Serial No. _____, the United States of America being designated.

AND WHEREAS Electronics and Telecommunications Research Institute of 161, Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT


WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THE FIRST INVENTOR):

Signature:  _____Legal Name: LIM, Jong TaeDate: 2014. 3. 11

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THE SECOND INVENTOR):

Signature:  _____Legal Name: AHN, Joon TaeDate: 2014. 3. 12

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THE THIRD INVENTOR):

Signature:  _____Legal Name: LEE, JEONG IKDate: Mar. 11. 2014

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THE FOURTH INVENTOR):

Signature:  _____Legal Name: CHU, Hye YongDate: Mar 13. 2014

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THE FIFTH INVENTOR):

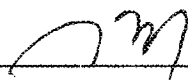
Signature:  _____Legal Name: YU, Byoung GonDate: 2014. 7. 11

Continued -Page 2
ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: _____
Name: _____
Address: _____

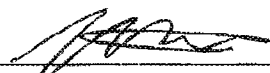
ASSIGNOR (THE SIXTH INVENTOR):

Signature:  _____
Legal Name: _____ LEE, Jonghee
Date: Mar 11, 2014

WITNESS:

Signature: _____
Name: _____
Address: _____

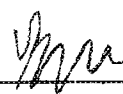
ASSIGNOR (THE SEVENTH INVENTOR):

Signature:  _____
Legal Name: _____ HAN, Jun-Han
Date: Mar 11, 2014

WITNESS:

Signature: _____
Name: _____
Address: _____

ASSIGNOR (THE EIGHTH INVENTOR):

Signature:  _____
Legal Name: _____ MOON, Jaehyun
Date: Mar 11, 2014