

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3123651

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SECOND ASSIGNEE previously recorded on Reel 033518 Frame 0053. Assignor(s) hereby confirms the SECOND ASSIGNEE TO BE UNIVERSITY-INDUSTRY FOUNDATION (UIF), YONSEI UNIVERSITY.

CONVEYING PARTY DATA

Name	Execution Date
YEON-HONG KIM	11/11/2014
BYUNG-DU AHN	11/11/2014
HYEON-SIK KIM	11/11/2014
YEON-GON MO	11/11/2014
JI-HUN LIM	11/12/2014
HYUN-JAE KIM	11/12/2014

RECEIVING PARTY DATA

Name:	SAMSUNG DISPLAY CO., LTD.
Street Address:	95, SAMSUNG 2 RO, GIHEUNG-GU
City:	YONGIN-CITY, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Name:	UNIVERSITY-INDUSTRY FOUNDATION (UIF), YONSEI UNIVERSITY
Street Address:	50, YONSEI-RO, SINCHON-DONG, SEODAEMUN-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14455805

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 9497600404

Email: Daniella.Kellogg@knobbe.com

Correspondent Name: KNOBBE MARTENS OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

PATENT

ATTORNEY DOCKET NUMBER:	SDCCEQ.065AUS
NAME OF SUBMITTER:	MINCHEOL KIM
SIGNATURE:	/Mincheol Kim/
DATE SIGNED:	11/25/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8 source=dec-assign with original coversheet#page1.tif source=dec-assign with original coversheet#page2.tif source=dec-assign with original coversheet#page3.tif source=dec-assign with original coversheet#page4.tif source=dec-assign with original coversheet#page5.tif source=dec-assign with original coversheet#page6.tif source=dec-assign with original coversheet#page7.tif source=dec-assign with original coversheet#page8.tif	

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YEON-HONG KIM	04/22/2014
BYUNG-DU AHN	04/22/2014
HYEON-SIK KIM	04/22/2014
YEON-GON MO	04/22/2014
JI-HUN LIM	04/22/2014
HYUN-JAE KIM	03/01/2014
RECEIVING PARTY DATA	
Name:	SAMSUNG DISPLAY CO., LTD.
Street Address:	95, SAMSUNG 2 RO, GIHEUNG-GU
City:	YONGIN-CITY, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Name:	INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY
Street Address:	50, YONSEI-RO, SEODAEMUN-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14455805
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
Phone:	9497600404
Email:	efiling@knobbe.com
<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>	
Correspondent Name:	KNOBBE MARTENS OLSON & BEAR LLP
Address Line 1:	2040 MAIN STREET

PATENT

REEL: 034471 FRAME: 0018

Address Line 2:	14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	SDCCEQ.065AUS
NAME OF SUBMITTER:	MINCHEOL KIM
Signature:	/MINCHEOL KIM/
Date:	08/12/2014
Total Attachments: 6 source=assign1_SDCCEQ-065AUS#page1.tif source=assign1_SDCCEQ-065AUS#page2.tif source=assign1_SDCCEQ-065AUS#page3.tif source=assign2_SDCCEQ-065AUS#page1.tif source=assign2_SDCCEQ-065AUS#page2.tif source=assign2_SDCCEQ-065AUS#page3.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT2978521
Receipt Date:	08/12/2014

PATENT

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: SDCCEQ.065AUS

Page 1 of 3

Title: METHODS OF FORMING OXIDE SEMICONDUCTOR DEVICES AND METHODS OF MANUFACTURING DISPLAY DEVICES HAVING OXIDE SEMICONDUCTOR DEVICES

Inventor(s): Yeon-Hong KIM, Byung-Du AHN, Hyeon-Sik KIM, Yeon-Gon MO, Ji-Hun LIM, Hyun-Jae KIM

Declaration

This Declaration is directed to the invention identified above that:

Was filed **August 8, 2014** as U.S. Application No. **14/455,805** and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified specification and acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

Assignment from Inventor(s)

WHEREAS, above-identified inventor(s) (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignees the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, Samsung Display Co., Ltd., with its principal place of business at 95, Samsung 2 Ro, Giheung-gu, Yongin-city, Gyeonggi-do, Korea and University-Industry Foundation (UIF), Yonsei University, with its principal place of business at 50, Yonsei-ro, Sinchon-dong, Seodaemun-gu, Seoul, Korea (hereinafter collectively or individually "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filed or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof;

ASSIGNOR hereby acknowledges ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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Page 2 of 3


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Inventor(s): Yeon-Hong KIM, Byung-Du AHN, Hyeon-Sik KIM, Yeon-Gon MO, Ji-Hun LIM, Hyun-Jae KIM

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.

Legal Name of inventor 1: Yeon-Hong KIM

Signature: 

Date: 2014. 11. 11

Legal Name of inventor 2: Byung-Du AHN

Signature: 

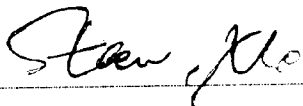
Date: 2014. 11. 11

Legal Name of inventor 3: Hyeon-Sik KIM

Signature: 

Date: 2014. 11. 11

Legal Name of inventor 4: Yeon-Gon MO

Signature: 

Date: 2014. 11. 11

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

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Page 3 of 3

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Inventor(s): Yeon-Hong KIM, Byung-Du AHN, Hyeon-Sik KIM, Yeon-Gon MO, Ji-Hun LIM, Hyun-Jae KIM

Legal Name of inventor 5: Ji-Hun LIM

Signature: J. H Lim

Date: 2014. 11. 12

Legal Name of inventor 6: Hyun-Jae KIM

Signature: _____

Date: _____

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

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AND WHEREAS, Samsung Display Co., Ltd., with its principal place of business at 95, Samsung 2 Ro, Giheung-gu, Yongin-city, Gyeonggi-do, Korea and University-Industry Foundation (UIF), Yonsei University, with its principal place of business at 50, Yonsei-ro, Sinchon-dong, Seodaemun-gu, Seoul, Korea (hereinafter collectively or individually "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filed or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof;

ASSIGNOR hereby acknowledges ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.

Legal Name of inventor 1: Yeon-Hong KIM

Signature: _____

Date: _____

Legal Name of inventor 2: Byung-Du AHN

Signature: _____

Date: _____

Legal Name of inventor 3: Hyeon-Sik KIM

Signature: _____

Date: _____

Legal Name of inventor 4: Yeon-Gon MO

Signature: _____

Date: _____

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Legal Name of inventor 5: Ji-Hun LIM

Signature: _____

Date: _____

Legal Name of inventor 6: Hyun-Jae KIM

Signature:  _____

Date: 11/12/2014