

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Seung-hoon HAN	11/05/2010
Hong-seok LEE	11/05/2010
Moon-gyu HAN	11/05/2010
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-dong, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do 443-742
State/Country:	REPUBLIC OF KOREA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12944294
CORRESPONDENCE DATA	
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Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043
ATTORNEY DOCKET NUMBER:	12000.SMG.0885
NAME OF SUBMITTER:	Thomas L. Jones

Total Attachments: 5
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ASSIGNMENT

For valuable consideration, We,

- (1) Name: **Seung-hoon HAN**
Address: Seoul, Republic of Korea
Nationality: Republic of Korea

- (2) Name: **Hong-seok LEE**
Address: Seongnam-si, Gyeonggi-do, Republic of Korea
Nationality: Republic of Korea

- (3) Name: **Moon-gyu HAN**
Address: Yongin-si, Gyeonggi-do, Republic of Korea
Nationality: Republic of Korea


hereby assign to:

SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea corporation
having principal executive offices at: 416, Maetan-dong, Yeongtong-gu, Suwon-si,
Gyeonggi-do 443-742, Republic of Korea; and

its successor and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 12/ 944, 294 filed November 11, 2010 at the U.S. Patent & Trademark Office signed by us, with title **NANOSTRUCTURED THIN FILM, SURFACE LIGHT SOURCE AND DISPLAY APPARATUS EMPLOYING NANOSTRUCTURED THIN FILM**, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments,

preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal this 5th day of November, 2010

Signature: 
Seung-hoon HAN

City of Seoul :

Country of Republic of Korea :

Before me this _____ day of _____, 2010, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 5th day of November, 2010

Signature: Lee Hong-Seok
Hong-seok LEE

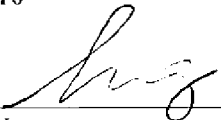
City of Seongnam :

Country of Republic of Korea :

Before me this _____ day of _____, 2010, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 5th day of November, 2010

Signature: 
Moon-gyu HAN

City of Yongin :

Country of Republic of Korea :

Before me this _____ day of _____, 2010, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public