

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chang-Hoon KIM</td> <td>07/04/2012</td> </tr> <tr> <td>Hong-Suk YOO</td> <td>04/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	Chang-Hoon KIM	07/04/2012	Hong-Suk YOO	04/26/2011				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Samsung Display Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>95, Samsung 2 Ro, Giheung-Gu</td> </tr> <tr> <td>Internal Address:</td> <td>Gyeonggi-Do</td> </tr> <tr> <td>City:</td> <td>Yongin-City</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	Samsung Display Co., Ltd.	Street Address:	95, Samsung 2 Ro, Giheung-Gu	Internal Address:	Gyeonggi-Do	City:	Yongin-City	State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13477992</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13477992						
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CORRESPONDENCE DATA											
<p>Fax Number: 7032885139 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-288-5105 Email: patent@park-law.com Correspondent Name: H.C. PARK & ASSOCIATES, PLC Address Line 1: 8500 LEESBURG PIKE Address Line 2: SUITE 7500 Address Line 4: VIENNA, VIRGINIA 22182</p>											
ATTORNEY DOCKET NUMBER:	P4580US00										
NAME OF SUBMITTER:	Hae-Chan Park										
<p>Total Attachments: 4 source=P4580US00-ExecutedAssignment#page1.tif source=P4580US00-ExecutedAssignment#page2.tif source=P4580US00-ExecutedAssignment#page3.tif source=P4580US00-ExecutedAssignment#page4.tif</p>											

OP \$40.00 13477992



ASSIGNMENT

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in

☒ an application for United States Letters Patent entitled **EXPOSURE APPARATUS HAVING BLIND AND METHOD OF DRIVING** ("Application");

☐ upon which United States Letters Patent, Patent Number _____, has issued ("Patent");

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

**Samsung Display Co., Ltd.
95, Samsung 2 Ro, Giheung-Gu
Gyeonggi-Do
Yongin-City
Republic of Korea**

Samsung Display Co., Ltd. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or inventor's certificates and related rights heretofore or hereafter filed for the invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary





or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Assignor has hereunto set hand and seal.

First Inventor's Name:	Chang-Hoon KIM
Address:	104-2004 Tangjeong Samsung Trapalace, Myeong-am-ri Tangjeong-myeon, Chungcheongnam-do Asan-si Republic of Korea
First Inventor's Signature:	
Date:	2012. 7. 4
Second Inventor's Name:	Hong-Suk YOO
Address:	504-1402, Chowon Lucky Apt. Pyeongnan-dong, Dongan-gu, Gyeonggi-do Anyang-si Republic of Korea
Second Inventor's Signature:	
Date:	



Assignment

April 26, 2011

Receipt Number	LA-201006-118-1			Receipt Date	2010/06/21
Title	NEW BLIND STRUCTURE OF A SMALL MASK EXPOSURE APPARATUS				
Representative	KIM,	Social Security	731005-	Share Ratio	60%
Inventor	CHANG-HOON	No.	*****		
Department	Process Development Group(LCD)			Employee No.	00237978
Address	104-2004 Samsung Trapalace Apt., MyeongAm-ri, TangJeong-myeon, Asan-si, ChungNam, South Korea				
Co-Inventor	YOO,	Social Security	680226-	Share Ratio	40%
	HONG-SUK	No.	*****		
Department	Process Development Group(LCD)			Employee No.	07017836
Address	504-1402 ChoWon Lucky Apt. PyeongAn-dong, DongAn-gu, AnYang-si, GyeongGi-do, South Korea				
Inventors of this present invention, Chang-Hoon KIM and Hong-Suk YOO, transfer to an employer the right to obtain a patent for the present invention related to the duties in accordance with Article 10 of Korean Invention Promotion Act.					
Samsunɡ Electronics Co., LTD.					



삼성전자

직무발명 양도증

2011년 4월 25일

접수번호		LA-201006-118-1			접수일자		2010/06/21	
발명의 명칭		Small Mask 노광기의 신규 Blind 구조						
발 명 자 기 재 란	대표 발명자	성명	한글	김창훈 <i>김창훈</i>	주민번호	731005-*****	지분율	60%
			영문	KIM CHANGHOON	소속부서	공정개발그룹(LCD)	사번	00237978
		주소	충남 아산시 왕정면 명암리 삼성트라팰리스 104동 2004호					
	공동 발명자	성명	한글	유홍석 <i>유홍석</i>	주민번호	680226-*****	지분율	40%
			영문	YOO HONG SUK	소속부서	공정개발그룹(LCD)	사번	07017836
주소		경기 안양시 동안구 평안동 초원력키아파트 504동 1402호						

본 직무발명의 발명자 김창훈, 유홍석 등(은) 발명진흥법10조 규정에 의거
직무와 관련된 본 발명에 대하여 특허를 받을 수 있는 권리를 회사에 양도 합니다.

2011년 4월 25일

삼성전자주식회사 귀하

1/1