501846945 03/08/2012

PATENT ASSIGNMENT

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joon-Seop Oh	02/24/2012
Young-Hee Park	02/24/2012
Jung-Yun Seo	02/24/2012
Hark-Soo Kim	02/24/2012
Yeong-Kil Song	02/24/2012

RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd	
Street Address:	129, Samsung-ro	
Internal Address:	Yeongtong-gu, Suwon-si	
City:	Gyeonggi-do	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	443-742	

Name:	Industry-University Cooperation Foundation Sogang University
Street Address:	35, Baekbeom-ro
Internal Address:	Mapo-gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13415718

CORRESPONDENCE DATA

Fax Number: (972)628-3616 **Phone**: 972-628-3600

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REEL: 027831 FRAME: 0870

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via US Mail.

Correspondent Name: DOCKET CLERK
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ATTORNEY DOCKET NUMBER:

SAMS06-10316

NAME OF SUBMITTER:

William A. Munck

Total Attachments: 2

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PATENT REEL: 027831 FRAME: 0871

ASSIGNMENT

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea and INDUSTRY-UNIVERSITY COOPERATION FOUNDATION SOGANG UNIVERSITY, having a place of business at 35, Baekbeom-ro, Mapo-gu, Seoul, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEES, their successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck or John T. Mockler of Munck Carter, LLP. to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, their successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEES, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEES and to aid said ASSIGNEES, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date:	February 24, 2012	Souther
		Joon-Seop Oh
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	Youno-Hee Park	
Date:	February 24, 2012	M 32 EL
	Jung-Yun Seo	
Date:	February 24, 2012	机林千
	·	HARK-SOO KIM
Date:	February 24, 2012	· il ord -r
		YEONG-KIL SONG