

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jeong Hee Park	05/18/2007
Ju Chul Park	05/18/2007
Jun Soo Bae	05/18/2007
Bong Jin Kuh	05/18/2007
Yong Ho Ha	05/18/2007
RECEIVING PARTY DATA	
Name:	Samsung Electronics Co., Ltd.
Street Address:	416 Maetan-dong
Internal Address:	Yeongtong-gu, Suwon-si
City:	Gyeonggi-do
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11627775
CORRESPONDENCE DATA	
Fax Number:	(919)854-1401
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	9198541400
Email:	brosser@myersbigel.com
Correspondent Name:	Betty-Lou Rosser
Address Line 1:	4140 Parklake Avenue
Address Line 2:	Suite 600
Address Line 4:	Raleigh, NORTH CAROLINA 27612
ATTORNEY DOCKET NUMBER:	5649-2103
NAME OF SUBMITTER:	Betty-Lou Rosser

CH \$40.00 11627775

500291414

PATENT
REEL: 019395 FRAME: 0362

Total Attachments: 2

source=56492103Assn#page1.tif

source=56492103Assn#page2.tif

NO. 1994 P. 2

Attorney Docket No. 5649-2103

ASSIGNMENT

THIS ASSIGNMENT, made by us, Jeong-Hee Park, a citizen of the Republic of Korea, residing at 409-202, Jugong Apt., Byeongjeom-ri, Taean-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea; Ju-Chul Park, a citizen of the Republic of Korea, residing at 304-2204, LGXi, Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; Jun-Soo Bae, a citizen of the Republic of Korea, residing at 112-1404, Sinyongtong Hyundai Icha Apt., Banwol-ri, Taean-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea; Bong-Jin Kuh, a citizen of the Republic of Korea, residing at 234-1502, Hwanggolmaeul 2danji Apt., Punglim Apt., Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and Yong-Ho Ha, a citizen of the Republic of Korea, residing at 104-1408, Gisan Bestvill, 100-1, Yu-ri, Bongdam-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MULTI-LAYER PHASE-CHANGEABLE MEMORY DEVICES AND METHODS OF FABRICATING THE SAME**, for which U.S. Application No. 11/627,775, was filed on January 26, 2007 in the United States Patent and Trademark Office; and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

2007. 7. 7. 0:00 PM


919-354-1411 Y8066

NO. 7064 P. 3

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and I amers Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 18 day of 05, 2007.



(SEAL)

Jeong-Hee Park



(SEAL)

Ju-Chul Park



(SEAL)

Jun-Soo Bae



(SEAL)

Bong-Jin Kuh



(SEAL)

Yong-Ho Ha

Witnessed by:

Date:
