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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joo-young HWANG	03/20/2008
Jae-min RYU	03/20/2008
Sang-bum SUH	03/20/2008

RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd.	
Street Address:	416, Maetan-dong, Yeongtong-gu,	
Internal Address:	Gyeonggi-do,	
City:	Suwon-si	
State/Country:	REPUBLIC OF KOREA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12053246

CORRESPONDENCE DATA

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202-293-7060 Phone: Email: thall@sughrue.com Correspondent Name: SUGHRUE MION, PLLC

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SUITE 800 Address Line 2:

WASHINGTON, DISTRICT OF COLUMBIA 20037 Address Line 4:

ATTORNEY DOCKET NUMBER:	Q104802
NAME OF SUBMITTER:	Darryl Mexic

Total Attachments: 1

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PATENT **REEL: 020685 FRAME: 0549**

RECORDED: 03/21/2008

Docket No. Q104802 For Non-U.S. Clients

Assignment

The state of the s
Whereas, SAMSING TIPETER was a Suwon-si, Republic of Korea, Jae-min RYU of Letters Samsing Samsing Summand Samsing Summand Samsing Summand Samsing Summand Sum
Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent assigns; and we will execute without further consideration to the assignee, its successors and the assignee in connection with the United States application when called upon to do so by the assignee.
We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number, filed) the application number, the confirmation number and filing date of said application when known. Date: 20 Mar 2008
Date: 20 Mar. 2008 Jac min
s/Jae-min RYU
20 Mar. 2008 s/Sang-burn Stuff
<u> </u>

(Legalization not required for recording but is prima facte evidence of execution under 35 U.S.C. §261)

PATENT REEL: 020685 FRAME: 0550