Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT**

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Ju-Won CHO	05/01/2007

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan 3-dong, Paldal-gu, Suwon-city,
City:	Kyunggi-do
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	29286867	

CORRESPONDENCE DATA

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Address Line 4: Kalamazoo, MICHIGAN 49008

ATTORNEY DOCKET NUMBER: 3138.P0452US

NAME OF SUBMITTER: Brian R. Tumm-ad

Total Attachments: 1

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PATENT REEL: 019449 FRAME: 0093

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ASSIGNMENT

United States (Sole or Joint) (Excluding Foreign Rights)

WHEREAS, I/We,

Ju-Won CHO

Choogae-villa 401, 1-124 Bunji, Hangchon-dong, Jongro-ku, Seoul, Korea

residing at

have invented certain new and useful improvements in for which an application for United States Letters Patent was signed by me on even date herewith.

WHEREAS. SAMSUNG ELECTRONICS CO., LTD.

having a place of business at 416, Maetan 3-dong, Paldal-gu, Suwon-city, Kyunggi-do, Korea

hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that November be granted therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations, the receipt whereof is hereby acknowledged, I/We have sold, assigned and transferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee my/our full and exclusive right to the said invention in the United States and its territorial possessions and my/our entire right, title and interest in and to said application and any and all Letters Patent which November be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assigneee for the sole use and behoof of the said Assignee, its successors and assigns.

En IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s).

Witnessed by :	<pre>Inventor(s) :</pre>	Date :		
V		/)		
### P	Ju-Won CHO	MO	May 1, 2007	
:		PATENT		
CORDED: 06/19/2007	F	RFFI: 019449 FRAMF: 009		

RE