

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Seung-woo KIM</td><td>02/27/2008</td></tr><tr><td>Jae-sup LEE</td><td>02/27/2008</td></tr></tbody></table>	Name	Execution Date	Seung-woo KIM	02/27/2008	Jae-sup LEE	02/27/2008	
Name	Execution Date						
Seung-woo KIM	02/27/2008						
Jae-sup LEE	02/27/2008						
RECEIVING PARTY DATA							
Name:	SAMSUNG ELECTRONICS CO., LTD.						
Street Address:	416, Maetan-dong						
City:	Suwon-si, Gyeonggi-do						
State/Country:	REPUBLIC OF KOREA						
Postal Code:	443-742						
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>12043793</td></tr></tbody></table>	Property Type	Number	Application Number:	12043793			
Property Type	Number						
Application Number:	12043793						
CORRESPONDENCE DATA							
Fax Number:	(202)478-1813						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Correspondent Name:	Kevin J. McNeely						
Address Line 1:	5335 Wisconsin Ave, NW, Suite 440						
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ATTORNEY DOCKET NUMBER:	12000-SMG-0200						
NAME OF SUBMITTER:	Kevin J. McNeely						
Total Attachments: 3 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif							

OP \$40.00 12043793

PATENT

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REEL: 020682 FRAME: 0414

ASSIGNMENT

For valuable consideration, we,

Seung-woo, KIM, 101-1401, Sungwon Apartment, Dongtan-myeon, Hwaseong-si,
Gyeonggi-do, Korea / Jae-sup, LEE, 204-1004, Woolim Hole-in-one Apartment, Gomae-dong,
Giheung-gu, Yongin-si, Gyeonggi-do, Korea

hereby assign to:

SAMSUNG ELECTRONICS CO., LTD. a Republic of Korea corporation having
principal executive offices at:

416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea;
and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 12/043,793 filed March 6, 2008 at the U.S. Patent & Trademark Office signed by us, with title DIGITAL-TO-ANALOG CONVERTER (DAC) and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal this 27th day of
Feb., 2008

Signature: Seung Woo KIM
Seung-woo, KIM

City of _____: Hwaseong-si

Country of _____: Republic of Korea

Before me this 27th day of Feb., 2008, personally appeared
known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that they executed the same as his free act and deed for the purposes therein
contained.

Witness or Notary Public

Eun-ji LEE

IN WITNESS WHEREOF, I hereto set my hand and seal this 27th day of
Feb., 2008

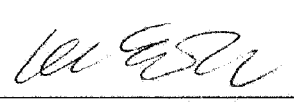
Signature: _____

Jae-sup, LEE

City of _____: Yongin-si

Country of _____: Republic of Korea

Before me this 27th day of Feb., 2008, personally appeared
known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that they executed the same as his free act and deed for the purposes therein
contained.



Witness or Notary Public Eun-ji LEE