

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hee-Gyu JIN	07/08/2010
Kyoung-Gu WOO	05/25/2010
Hyung-Gyu LEE	07/08/2010
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-dong, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do 443-742
State/Country:	REPUBLIC OF KOREA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12839509
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 1:	P.O. Box 34688
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043
ATTORNEY DOCKET NUMBER:	12000.SMG.0757
NAME OF SUBMITTER:	Rachael Lea Leventhal

OP \$40.00 12839509

Total Attachments: 5
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ASSIGNMENT

For valuable consideration, We,

- (1) Name: **Hee-Gyu JIN**
Address: 1024ho, Ios Officetel, 1023-2beonji,
Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do,
Republic of Korea
Nationality: Republic of Korea
- (2) Name: **Kyoung-Gu WOO**
Address: 803ho, Seocho MayFlower Members Ville, 1688-6,
Seocho-dong, Seocho-gu, Seoul, Republic of Korea
Nationality: Republic of Korea
- (3) Name: **Hyung-Gyu LEE**
Address: 1006-1103 Kkachi Maeul Apt., Suseo-dong,
Gangnam-gu, Seoul, Republic of Korea
Nationality: Republic of 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 443-742, Republic of Korea, and

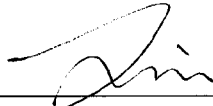
its successor and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 12/839,509 filed July 20, 2010 at the U.S. Patent & Trademark Office signed by us, with title **APPARATUS AND METHOD FOR LOGGING OPTIMIZATION USING NON-VOLATILE MEMORY**, 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.



PATENT

IN WITNESS WHEREOF, I hereto set my hand and seal this 8th day of
July, 2010

Signature: 
Hee-Gyu JIN

City of _____ :

:

Country of _____ :

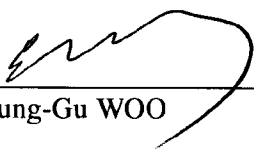
Before me this _____ day of _____, 2010, personally appeared
known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that they executed the same as his free act and deed for the purposes therein
contained.

AMSTERDAM ELECTRONICS

Witness or Notary Public

AMSTERDAM ELECTRONICS

IN WITNESS WHEREOF, I hereto set my hand and seal this 25th day of MAY, 2010

Signature:  _____
Kyoung-Gu WOO

City of SEOUL :

:

Country of KOREA :

Before me this _____ day of _____, 2010, 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

IN WITNESS WHEREOF, I hereto set my hand and seal this 8th day of July, 2010

Signature: 
Hyung-Gyu LEE

City of Seoul :

Country of Korea :

Before me this _____ day of _____, 2010, 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