

## PATENT ASSIGNMENT

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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>Ho Yang</td> <td>11/21/2011</td> </tr> <tr> <td>Hyun Seok Lee</td> <td>02/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ho Yang	11/21/2011	Hyun Seok Lee	02/02/2012
Name	Execution Date						
Ho Yang	11/21/2011						
Hyun Seok Lee	02/02/2012						
RECEIVING PARTY DATA							
Name:	Samsung Electronics Co., Ltd.						
Street Address:	416, Maetan-dong, Yeongtong-gu						
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>13364687</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13364687		
Property Type	Number						
Application Number:	13364687						
CORRESPONDENCE DATA							
Fax Number:	(202)315-3758						
Phone:	(202) 429-0020						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
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ATTORNEY DOCKET NUMBER:	1252.0008						
NAME OF SUBMITTER:	Nicholas M. Stabler						
<b>Total Attachments: 4</b> source=NewApp_12520008_Assignment#page1.tif source=NewApp_12520008_Assignment#page2.tif source=NewApp_12520008_Assignment#page3.tif source=NewApp_12520008_Assignment#page4.tif							

OP \$40.00 13364687

ASSIGNMENT

For valuable consideration, we,

Ho YANG                    107-1401, Dusan We've Apt., Banwol-dong, Hwasong-si,  
Gyeonggi-do 445-330, Republic of Korea

Hyun Seok LEE            227-303, Parkrio Apt., Jamsil 4-dong, Songpa-gu, Seoul 138-  
931, Republic of Korea

hereby assign to:

**SAMSUNG ELECTRONICS CO., LTD.**, a Republic of Korea

corporation/institute/institution having principal executive office(s) or place of business  
at: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, 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 13/364,687 filed 02/02/2012 at the U.S. Patent & Trademark Office signed by us, with title APPARATUS AND METHOD FOR PROCESSING OPERATIONS IN PARALLEL USING A SINGLE INSTRUCTION MULTIPLE DATA PROCESSOR, 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 TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 21 day of Nov., 2011

  
Signature: Ho YANG

This \_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Signature: Hyun Seok LEE

ASSIGNMENT

For valuable consideration, we,

Ho YANG                    107-1401, Dusan We've Apt., Banwol-dong, Hwaseong-si,  
Gyeonggi-do 445-330, Republic of Korea

Hyun Seok LEE            227-303, Parkrio Apt., Jamsil 4-dong, Songpa-gu, Seoul 138-  
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Korea; and

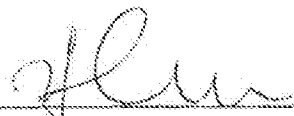
its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 13/364,687 filed 02/02/2012 at the U.S. Patent & Trademark Office signed by us, with title APPARATUS AND METHOD FOR PROCESSING OPERATIONS IN PARALLEL USING A SINGLE INSTRUCTION MULTIPLE DATA PROCESSOR, 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 TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This \_\_\_\_\_ day of \_\_\_\_\_, 2012

\_\_\_\_\_  
Signature: Ho YANG

This 1st day of February, 2012

  
\_\_\_\_\_  
Signature: Hyun Seok LEE