

## PATENT ASSIGNMENT COVER SHEET

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NXP B.V.	06/28/2013
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<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 9</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8074031
Patent Number:	8069335
Patent Number:	7913110
Patent Number:	6377581
Patent Number:	6564296
Patent Number:	6978362
Patent Number:	6629241
Patent Number:	8099533
Patent Number:	6658553
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PATENT

<b>DATE SIGNED:</b>	10/27/2015
<b>Total Attachments: 2</b> source=5649-4411 NXP-SamsungAssignment#page1.tif source=5649-4411 NXP-SamsungAssignment#page2.tif	

**CONFIDENTIAL**

**Schedule D**

**PATENT ASSIGNMENT AGREEMENT**

Whereas, NXP B.V. a company existing and organized under the laws of the Netherlands, having offices at High Tech Campus 60, 5656 AG Eindhoven, the Netherlands (hereinafter ASSIGNOR) is the sole and exclusive owner of those patents [and applications] set forth in Exhibit 1 attached hereto (hereinafter "Assigned Patents"); and

Whereas Samsung Electronics Co., Ltd., a Korean company, having its principal place of business at Samsung Main Building, 250, Taepyung-Ro, 2-Ka Chung-Ku, Seoul, Korea (hereinafter ASSIGNEE) is desirous of acquiring the entire right, title and interest in, to and under the Assigned Patents.

Now, Therefore,

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer and set over the entire right, title and interest to ASSIGNEE, in and to the Assigned Patent, and any inventions claimed in the Assigned Patent, any reissue or reissues of the Assigned Patent already granted and which may be granted, any certificates of reexamination already granted and which may be granted the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which the Assigned Patent is or may be granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made; together with all claims for damages by reason of future infringement of one or more of the Assigned Patents, with the right to sue for, and collect the same for ASSIGNOR's own use and behalf, and for the use and behalf of its successors, assigns or other legal representatives.

And, ASSIGNOR, hereby authorizes and requests the Commissioner of Patents and Trademarks or an equivalent officer in any jurisdiction in which the Assigned Patent may have issued, to issue any and all Letters Patent on said inventions to ASSIGNEE as assignee of the entire interest, and hereby covenants that ASSIGNOR has full right to convey the entire interest herein assigned, and that, except as otherwise provided between the parties, ASSIGNOR has not executed, and will not execute, any agreements in conflict therewith.

In Witness Whereof, the parties, by their duly authorized representatives, have executed this Assignment.

SAMSUNG ELECTRONICS CO., LTD.

NXP B.V.

By 

By 

Name: Jay Shim

Name: Guido Dierick

Title: Senior Vice President

Title: General Counsel

Date: June 28, 2013

Date: June 28, 2013

**CONFIDENTIAL****EXHIBIT 1****ASSIGNED PATENTS**

Item#	Application, Publication, or Patent Number	Region	Title	Filing Date	Grant Date
1	US8074031	US	Memory defragmentation unit for real-time systems	2006-12-13	2011-12-06
2	US8069335	US	Power reduction method for instructions fetched in two or more parts	2006-11-13	2011-11-29
3	CN200780008068	CN	Quick but safe tag retrieval	2007-03-05	2011-03-23
4	DE602007006639	DE	Quick but safe tag retrieval	2007-03-05	2010-05-19
5	FR1994470*	FR	Quick but safe tag retrieval	2007-03-05	2010-05-19
6	GB1994470*	GB	Quick but safe tag retrieval	2007-03-05	2010-05-19
7	US7913110	US	Quick but safe tag retrieval	2007-03-05	2011-03-22
8	US6377581	US	OPTIMIZED CPU-MEMORY HIGH BANDWIDTH MULTIBUS STRUCTURE SIMUL	1998-05-14	2002-04-23
9	CN1165872*	CN	CHANGING THE CONTENT OF A MEMORY OF MANY DATA CARRIER	2001-03-06	2004-09-08
10	DE60103596	DE	CHANGING THE CONTENT OF A MEMORY OF MANY DATA CARRIER	2001-03-06	2004-06-02
11	FR1192589*	FR	CHANGING THE CONTENT OF A MEMORY OF MANY DATA CARRIER	2001-03-06	2004-06-02
12	GB1192589*	GB	CHANGING THE CONTENT OF A MEMORY OF MANY DATA CARRIER	2001-03-06	2004-06-02
13	US6564296	US	CHANGING THE CONTENT OF A MEMORY OF MANY DATA CARRIER	2001-03-19	2003-05-13
14	JP4090782*	JP	VARIABLE AND FAIL-SAFE SYSTEM RESET	2002-05-07	2008-03-07
15	US6978362*	US	VARIABLE AND FAIL-SAFE SYSTEM RESET	2002-04-30	2005-12-20
16	US7409251	US	INSTRUCTION DRIVEN WRITING OF NV MEMORIES	2002-12-12	2008-08-05
17	US6629241	US	SUSPENSION OF WRITE IN PROGRAM + DATA EEPROM	2000-08-16	2003-09-30
18	CN200580033360	CN	MEMORY-MAPPED SRAM BURST READ IN A MULTITHREADED ENVIRONMENT	2005-07-22	2009-08-26
19	DE602005033285	DE	MEMORY-MAPPED SRAM BURST READ IN A MULTITHREADED ENVIRONMENT	2005-07-22	2012-03-21
20	FR1776632	FR	MEMORY-MAPPED SRAM BURST READ IN A MULTITHREADED ENVIRONMENT	2005-07-22	2012-03-21
21	GB1776632	GB	MEMORY-MAPPED SRAM BURST READ IN A MULTITHREADED ENVIRONMENT	2005-07-22	2012-03-21
22	US8099533	US	MEMORY-MAPPED SRAM BURST READ IN A MULTITHREADED ENVIRONMENT	2005-07-22	2012-01-17
23	US6658553	US	UNIVERSAL POINTER IMPLEMENTATION SCHEME FOR	2000-04-14	2003-12-02

\* Patent has been abandoned by NXP and the latest maintenance renewal fee has not been paid. The patent continues to be within a time period during which it may be revived by Samsung.