

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4528494

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KABUSHIKI KAISHA TOSHIBA	07/13/2017
RECEIVING PARTY DATA	
Name:	TOSHIBA MEMORY CORPORATION
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-0023
PROPERTY NUMBERS Total: 10	
Property Type	Number
Patent Number:	7813174
Patent Number:	7782670
Patent Number:	7593260
Patent Number:	7443724
Patent Number:	7315471
Patent Number:	7120052
Patent Number:	7016226
Patent Number:	6925004
Patent Number:	6876578
Patent Number:	6657891
CORRESPONDENCE DATA	
Fax Number:	(202)637-5910
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	2026376459
Email:	hlusdocketing@hoganlovells.com
Correspondent Name:	TERESA LAVENUE
Address Line 1:	555 THIRTEENTH STREET, N. W.
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	081790-0366

NAME OF SUBMITTER:	TERESA LAVENUE
SIGNATURE:	/Teresa Lavenue/
DATE SIGNED:	07/31/2017
Total Attachments: 4 source=81790-0366-Executed-Assignment#page1.tif source=81790-0366-Executed-Assignment#page2.tif source=81790-0366-Executed-Assignment#page3.tif source=81790-0366-Executed-Assignment#page4.tif	

ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA TOSHIBA (hereafter "**Assignor**"), a Japanese Corporation, having an address of 1-1, Shibaura 1-Chome, Minato-ku, Tokyo 105-8001, JAPAN, is the owner of or has an ownership interest in the patents set forth on Exhibit A attached hereto (hereafter the "**Patents**"); and

WHEREAS, TOSHIBA MEMORY CORPORATION (hereafter "**Assignee**"), a Japanese Corporation, having an address of 1-1, Shibaura 1-Chome, Minato-ku, Tokyo 105-0023, JAPAN, is desirous of securing the entire right, title and interest in and to the Patents in all countries throughout the world, as further set forth herein.

NOW, THEREFORE, be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, Assignor's entire right, title and interest in and to the: (a) Patents; (b) reissues, reexaminations, continuations, requests for continuing examinations, or continuing prosecution applications, and design registrations of any Patent; (c) all national (of any country of origin) and regional counterparts to which any of the items identified in clause (a) or (b) above claims priority (directly or indirectly), and (d) all patents issuing on any of the items identified in clause (a), (b), or (c) above (collectively, "**Assigned Patents**"), the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or legal representatives, to the end of the term or terms for which such Assigned Patents may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

AND, ASSIGNOR HEREBY assigns unto Assignee all equitable and legal claims for damages by reason of infringement prior to, at or after the assignment date of the Assigned Patents throughout the world, with the right to sue for and collect and retain both such past, present and future damages for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives.

AND, ASSIGNOR HEREBY covenants that it has the full right to convey the interest assigned by this Assignment, and that Assignor has not executed and will not execute any agreement in conflict with this Assignment;

AND, ASSIGNOR HEREBY further covenants and agrees that it will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to it respecting the Assigned Patents, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the Assigned Patents in the Assignee, its successors or assigns, execute all non-provisional, divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for the Assigned Patents in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed on the date indicated.

[Signature Page Follows]

ASSIGNOR

KABUSHIKI KAISHA TOSHIBA



Printed Name: Ikuko SHIMOGAWARA

Title: General Manager,
Intellectual Property Division

Date: July 13, 2017

ASSIGNEE

TOSHIBA MEMORY CORPORATION



Printed Name: Michihito HATSUMI

Title: General Manager,
Intellectual Property Division

Date: July 14, 2017

[Signature Page to Assignment]

EXHIBIT A

	Coun try	Foreign Agent	Foreign Agent REF.	Our REF.	TMC REF.	Application No.	Filing Date	Patent No.	Granted Date
1	US	Hogan Lovells US LLP	81790.0366	02S1319-I2D2CCD	MJG90034940-US-J	12/541040	2009/08/13	7,813,174 B2	2010/10/12
2	US	Hogan Lovells US LLP	81790.0365	02S1319-I2D2CCC	MJG90034940-US-I	12/365039	2009/02/03	7,782,670 B2	2010/08/24
3	US	Hogan Lovells US LLP	81790.0364	02S1319-I2D2CC	MJG90034940-US-H	12/189566	2008/08/11	7,593,260 B2	2009/09/22
4	US	Hogan Lovells US LLP	81790.0362	02S1319-I2D2C	MJG90034940-US-G	11/949649	2007/12/03	7,443,724 B2	2008/10/28
5	US	Hogan Lovells US LLP	81780.0355	02S1319-I2D2	MJG90034940-US-F	11/469279	2006/08/31	7,315,471 B2	2008/01/01
6	US	Hogan Lovells US LLP		02S1319-I2D	MJG90034940-US-E	11/325917	2006/01/04	7,120,052 B2	2006/10/10
7	US	Hogan Lovells US LLP	81790-0309	02S1319-I2	MJG90034940-US-D	10/764828	2004/01/26	7,016,226 B2	2006/03/21
8	US	Hogan Lovells US LLP	81790.0303	02S1319-I	MJG90034940-US-C	10/689868	2003/10/20	6,925,004 B2	2005/08/02
9	US	Hogan Lovells US LLP		02S1319-C	MJG90034940-US-B	10/676313	2003/09/30	6,876,578 B2	2005/04/05
10	US	Hogan Lovells US LLP	81790.0273	02S1319	MJG90034940-US-A	10/358643	2003/02/04	6,657,891 B1	2003/12/02

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