

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4896293

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KABUSHIKI KAISHA TOSHIBA	03/16/2018
RECEIVING PARTY DATA	
Name:	TOSHIBA MEMORY CORPORATION
Street Address:	1-1, SHIBAURA 1-CHOME
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
PROPERTY NUMBERS Total: 15	
Property Type	Number
Patent Number:	7809181
Patent Number:	7796803
Patent Number:	7863588
Patent Number:	8049897
Patent Number:	8199403
Patent Number:	7565032
Patent Number:	7787686
Patent Number:	7539350
Patent Number:	7706623
Patent Number:	7639863
Patent Number:	7630535
Patent Number:	7487491
Patent Number:	7627165
Patent Number:	7627164
Patent Number:	7655904
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	KRISTEN MCCARTNEY
SIGNATURE:	/Kristen McCartney/
DATE SIGNED:	04/03/2018

Total Attachments: 2

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ASSIGNMENT

WHEREAS, KABUSHIKI KAISHA TOSHIBA of 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan 105-8001, a corporation organized and existing under the laws of the Country of Japan, is the joint owner with NEC CORPORATION, by assignment, of the following Letters Patent of the United States of America:

<u>PATENT NUMBER</u>	<u>ISSUE DATE</u>
7,809,181	October 5, 2010
7,796,803	September 14, 2010
7,863,588	January 4, 2011
8,049,897	November 1, 2011
8,199,403	June 12, 2012
7,565,032	July 21, 2009
7,787,686	August 31, 2010
7,539,350	May 26, 2009
7,706,623	April 27, 2010
7,639,863	December 29, 2009
7,630,535	December 8, 2009
7,487,491	February 3, 2009
7,627,165	December 1, 2009
7,627,164	December 1, 2009
7,655,904	February 2, 2010

WHEREAS, TOSHIBA MEMORY CORPORATION of 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring KABUSHIKI KAISHA TOSHIBA's entire, undivided 55% right, title, and interest in and to said Letters Patent;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, KABUSHIKI KAISHA TOSHIBA by these presents do sell, assign, and transfer unto ASSIGNEE its entire, undivided 55% right, title, and interest for the territory of the United States of America, in and to the aforesaid Letters Patent, the

inventions described therein, any and all divisions, continuations, reissues, substitutions and renewals thereof, and to any and all letters patent which have granted or may be granted therefor, said inventions and letters patent to be held and enjoyed by the ASSIGNEE, and for the use and benefit of said ASSIGNEE, and for the use and benefit of their successors, assigns or other legal representatives, to the full end of the term for which said letters patent have been granted or reissues may be granted, and for claims for damage by reasons of infringement past and present, as fully and entirely as the same would have been held by KABUSHIKI KAISHA TOSHIBA had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, KABUSHIKI KAISHA TOSHIBA has caused these presents to be signed by its officer thereunto duly authorized.

KABUSHIKI KAISHA TOSHIBA

Date: Mar. 16, 2018

By: Ikuko Shimogawara

Name: Ikuko SHIMOAWARA

Title: General Manager

Intellectual Property Division