# 504537760 09/07/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
KABUSHIKI KAISHA TO	OSHIBA		08/10/2017	
RECEIVING PARTY DA	ATA			
Name:	TOSHIBA	TOSHIBA MEMORY CORPORATION		
Street Address:	1-1, SHIBA	1-1, SHIBAURA 1-CHOME		
Internal Address:	MINATO-KU			
City:	ТОКҮО			
State/Country:	JAPAN			
Postal Code:	105-0023			
Property Type Patent Number: 6		Number 79351	-	
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## ASSIGNMENT OF IDENTIFIED PATENT RIGHTS OWNED BY KABUSHIKI KAISHA TOSHIBA TO TOSHIBA MEMORY CORPORATION

WHEREAS, KABUSHIKI KAISHA TOSHIBA, having an office and place of business at 1-1, Shibaura 1-chome, Minato-Ku, Tokyo, 105-8001, Japan and TDK CORPORATION, having an office and place of business at 9-1, Shibaura 3-chome, Minato-ku, Tokyo 108-0023 Japan, have been assigned the entire right, title and interest in and to the following inventions and corresponding applications and patents, as evidenced by prior assignments respectively recorded in the United States Patent and Trademark Office at Reel/Frame 020677/0962 on March 11, 2008 and at Reel/Frame 029624/0600 on January 14, 2013:

Title	Application No.	Patent No.
MAGNETO-RESISTANCE EFFECT ELEMENT, AND	12/073,895	8,379,351
METHOD FOR MANUFACTURING THE SAME MAGNETO-RESISTANCE EFFECT ELEMENT, AND	13/740.983	8,542,466
METHOD FOR MANUFACTURING THE SAME	10/1-0,000	0,042,400

WHEREAS KABUSHIKI KAISHA TOSHIBA and TDK CORPORATION each own a fifty percent (50%) undivided interest in and to each of the aforesaid applications and patents, and the inventions embodied therein, by virtue of the prior assignments;

WHEREAS, KABUSHIKI KAISHA TOSHIBA (hereinafter ASSIGNOR) hereby confirms that ASSIGNOR has the full right to convey its rights, as herein expressed, to each of the aforesaid applications and patents, and the inventions embodied therein; and

WHEREAS, TOSHIBA MEMORY CORPORATION (hereinafter ASSIGNEE), an entity, having an office and place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan 105-0023, is desirous of acquiring ASSIGNOR'S undivided fifty percent (50%) interest in and to each of the aforesaid applications and patents, and the inventions embodied therein.

### ASSIGNMENT OF IDENTIFIED PATENT RIGHTS OWNED BY KABUSHIKI KAISHA TOSHIBA TO TOSHIBA MEMORY CORPORATION

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THIC PATENT 代生 REEL: 043527 FRAME: 0123、 NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby does sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR's entire right, title and interest in the United States and all foreign countries, in and to the inventions as described in each of the aforesaid applications and patents, and in and to each of the aforesaid applications and patents, together with the right to sue and receive damages, royalties and/or settlement for any past, present and future infringement of each of the aforesaid applications and patents and the right(s) of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres.

I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR. Executed this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2017.

KABUSHIKI KAISHA TOSHIBA

By: Afrika. Shinoganara

Name: Ikuko SHIMOGAWARA

Title: General Manager, Intellectual Property Division

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PATENT REEL: 043527 FRAME: 0124

**RECORDED: 09/07/2017**