

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4024208

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEONG-HEON PARK	08/18/2016
KWANGSEOK KIM	08/18/2016
YOUNGHYUN KIM	08/16/2016
JUNG-HYUK LEE	08/18/2016
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State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15157834
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NAME OF SUBMITTER:	MICHAEL F. MORANO
SIGNATURE:	/michael f. morano/
DATE SIGNED:	08/25/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: **FABRICATING A CAP LAYER FOR A MAGNETIC RANDOM ACCESS MEMORY (MRAM) DEVICE**

and further identified by the Attorney Docket No. provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 15/157,834 (insert series code and serial number here if/when available)


Whereas, Samsung Electronics Co., Ltd., having an address of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea (herein referred to as "Samsung"), desires to acquire, and each undersigned Inventor desires to grant to Samsung, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to Samsung (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Samsung, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Samsung, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Samsung, its successors, legal representatives, and assigns, whenever requested by Samsung, its successors, legal representatives, or assigns.


Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Samsung and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants Samsung, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent application Serial Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature:  Date: 8/18/2016
Jeong-Heon Park


Executed by Inventor 2

Signature:  KLM Date: 8/18/2016
Kwangseok Kim

Executed by Inventor 3

Signature: _____ Date: _____
Younghyun Kim

Executed by Inventor 4

Signature:  Date: 8/18/2016
Jung-Hyuk Lee

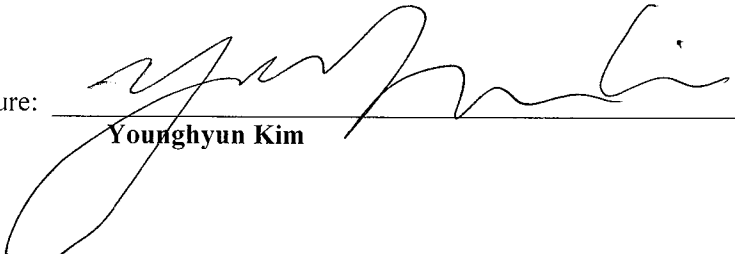
Executed by Inventor 1

Signature: _____ Date: _____
Jeong-Heon Park

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Kwangseok Kim

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Signature:  Date: Aug. 16, 2016
Younghyun Kim

Executed by Inventor 4

Signature: _____ Date: _____
Jung-Hyuk Lee