PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYOJIN JEONG	09/21/2011
YOUNGJOON CHOI	10/27/2011
SUNGHOON LEE	09/21/2011
JAE-HYEON JU	09/21/2011

RECEIVING PARTY DATA

Name:	Samsung Electronics Co., Ltd	
Street Address:	416, Maetan-dong	
City:	Yeongtong-gu, Suwon-si, Gyeonggi-do	
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13283866

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ATTORNEY DOCKET NUMBER: 8836-741

NAME OF SUBMITTER: FR

Total Attachments: 3

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> PATENT REEL: 027140 FRAME: 0068

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ASSIGNMENT DOCKET NO.: 8836-741 (ID-200716-US)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

executed on even date herewith or

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: MEMORY SYSTEM, DATA STORAGE DEVICE, USER DEVICE AND DATA MANAGEMENT METHOD THEREOF

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no.: 8836-741 (ID-200716-US) or is more particularly identified as:

	onocarea on even date here was, or
	Serial No filed in the U.S. Patent & Trademark Office on, or
	executed on,
all cert examin patent my As	and to all United States patents which may be granted thereon and therefore, and in and to tificates of corrections, divisions, continuations, continuations-in-part, reissued and reled patents, and to any extensions thereof, said interest being the entire ownership of the when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD. signee, its successors, assigns or other legal representatives, to the full end of the term or any extension or renewal thereof, for which said patent or patents may be granted, as
fully as	and entirely as the same would have been held and enjoyed by me or us if this assignment, d conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Frank Chau</u>, <u>Reg. No. 34,136</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

<u>INVENTOR(S)</u>	Date Signed
HYOJIN JEONG	09/21/2011
2) YOUNGJOON CHOI	
SUNGHOON LEE	<u> </u>
4) JAE-HYEON JU	09/21/12011

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REEL: 027140 FRAME: 0070

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)	Date Signed
1)HYOJIN JEONG	,
2) YOUNGJOON CHOI	Oct. 27. 2011
3)SUNGHOON LEE	
4) JAE-HYEON JU	·

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