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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yong II KIM	12/07/2006

RECEIVING PARTY DATA

Name:	HITACHI-LG DATA STORAGE KOREA, INC.
Street Address:	20, Yoido-dong, Youngdungpo-gu,
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11544922

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NAME OF SUBMITTER:	Esther H. Chong	

Total Attachments: 2

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PATENT REEL: 018694 FRAME: 0699

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

	Application No. 11/544,922	Filed October 10, 2006	
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***		
	WHEREAS, Young II KIM		
	(hereinafter designated as the undersigned) has (have) invent	ted certain new and useful improvements in	
Insert Title of Invention	METHOD AND APPARATUS FOR DETERMINING WRITING.	POWER FOR RECORDING DATA	
	for which an application for Letters Patent of the United undersigned (except in the case of a provisional application)		
Insert Date of Signing of Application	December 7, 2006	; and	
Insert Name of Assignee	WHEREAS, <u>HITACHI-LG DATA STORAGE K</u>	OREA, INC.	
Insert Address of Assignee	of 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010, Kores	1	
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereit acquiring the entire right, title and interest in and to said in may be granted therefor in the United States of America and [3] in any foreign countries.	vention and in and to any Letters Patent(s) that	
	NOW, THEREFORE, in consideration of the sum of Ten D the receipt of which is hereby acknowledged, and other go has (have) sold, assigned and transferred, and by these processing the full and exclusive right to the said invention dependencies and possessions and the entire right, title and which may be granted therefor in the United States of Americand if the box above is designated, in any and all foreign course.	od and valuable consideration, the undersigned esents does sell, assign and transfer unto said in the United States of America, its territories, interest in and to any and all Letters Patent(s) ica, its territories, dependencies and possessions,	
	and to any and all divisions, reissues, continuations, conver-		

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PATENT REEL: 018694 FRAME: 0700 The undersigned agrec(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or emered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Dec 1 2006	Name of Inventor	(Signature) Young II KIM
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date,	Name of Inventor	(signature)

PATENT REEL: 018694 FRAME: 0701

February 2002

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