

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yuzuru Hosoe	10/04/2005
Atsushi Nakamura	10/11/2005
Yoshio Takahashi	10/11/2005
RECEIVING PARTY DATA	
Name:	Hitachi Global Storage Technologies Netherlands B.V.
Street Address:	Locatellikade 1, Parnassustoren
City:	1076 AZ Amsterdam
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11258642
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ATTORNEY DOCKET NUMBER:	16869Q-162900US
NAME OF SUBMITTER:	Chun-Pok Leung
Total Attachments: 2 source=16869Q-162900US Assignment#page1.tif source=16869Q-162900US Assignment#page2.tif	

CH \$40.00 11258642

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PATENT  
REEL: 016962 FRAME: 0594

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Yuzuru Hosoe of 6-45-10 Hirayama, Hino-shi, Tokyo, 191-0043, Japan; Atsushi Nakamura of 2-17-7-204, Midori-cho, Koganei-shi, Tokyo, 184-0003, Japan; Yoshio Takahashi of 2-14-29 Midori-cho, Koganei-shi, Tokyo, 184-0003, Japan, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **PERPENDICULAR MAGNETIC RECORDING  
MEDIUM HAVING GRAIN BOUNDARY LAYER  
CONTAINING FERROMAGNETIC ELEMENT**

Date(s) of execution of Declaration:

Filing Date:

Application No.:

WHEREAS, Hitachi Global Storage Technologies Netherlands B.V. of Locatellikade 1, Parnassusstoren, 1076 AZ Amsterdam, The Netherlands, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10/4/05

Yuzuru Hosoe  
Yuzuru Hosoe

Dated: \_\_\_\_\_

\_\_\_\_\_  
Atsushi Nakamura

Dated: \_\_\_\_\_

\_\_\_\_\_  
Yoshio Takahashi

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ASSIGNMENT OF PATENT APPLICATION

JOINT

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: \_\_\_\_\_

Yuzuru Hosoe

Dated: Oct. 11 2005

Atsushi Nakamura  
Atsushi Nakamura

Dated: Oct. 11, 2005

Yoshio Takahashi  
Yoshio Takahashi

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