

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoji Maruyama</td> <td>02/05/2008</td> </tr> <tr> <td>Tadayuki Iwakura</td> <td>02/06/2008</td> </tr> <tr> <td>Kimitoshi Etoh</td> <td>02/05/2008</td> </tr> <tr> <td>Hiroshi Shiina</td> <td>02/05/2008</td> </tr> <tr> <td>Kazue Kudo</td> <td>02/06/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yoji Maruyama	02/05/2008	Tadayuki Iwakura	02/06/2008	Kimitoshi Etoh	02/05/2008	Hiroshi Shiina	02/05/2008	Kazue Kudo	02/06/2008
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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													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12070155</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12070155								
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CORRESPONDENCE DATA													
Fax Number:	(650)326-2422												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	kaa@townsend.com												
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ATTORNEY DOCKET NUMBER:	16869Q-222800US												
NAME OF SUBMITTER:	Kent J. Tobin												
Total Attachments: 2 source=Assignment16869Q_222800US#page1.tif													

CH \$40.00 12070155

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Yoji Maruyama of 298-32 Shinko, Iruma, Saitama, 358-0055 Japan; Tadayuki Iwakura of 2-25-5-202, Minamikamonomiya, Odawara, Kanagawa, 250-0875 Japan; Kimitoshi Etoh of 1-8-11 Nishisawaka, Odawara, Kanagawa, 256-0817 Japan; Hiromi Shiina of 3141 Tomobe, Jyuhomachi, Hitachi-shi, Ibaraki, 319-1304 Japan; and Kazue Kudo of 281-3 Nakazato, Odawara-shi, Kanagawa, 250-0872 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: **MAGNETIC HEAD AND METHOD OF
MANUFACTURING THE SAME**

Date(s) of execution of Declaration: 2/5/08; 2/6/08; 2/5/08; 2/5/08; 2/6/08

Filing Date: February 15, 2008

Application No.: 12/070,155 ; and

WHEREAS, Hitachi Global Storage Technologies Netherlands B.V., a corporation of Japan, located at Locatellikade 1, Parnassustoren, 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: 2/5/2008

Yoji Maruyama
Yoji Maruyama

Dated: 2/6/2008

Tadayuki Iwakura
Tadayuki Iwakura

Dated: 2/5/2008

Kimitoshi Etoh
Kimitoshi Etoh

Dated: 2/5/2008

Hiromi Shiina
Hiromi Shiina

Dated: 2/6/2008

Kazuo Kudo
Kazuo Kudo

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