

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>KAZUYOSHI HANADA</td><td>04/18/2007</td></tr><tr><td>MASARU MURANISHI</td><td>04/18/2007</td></tr><tr><td>TAKASHI MATSUKI</td><td>04/18/2007</td></tr><tr><td>YUUJI ISHIMA</td><td>04/18/2007</td></tr></tbody></table>	Name	Execution Date	KAZUYOSHI HANADA	04/18/2007	MASARU MURANISHI	04/18/2007	TAKASHI MATSUKI	04/18/2007	YUUJI ISHIMA	04/18/2007	
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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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11801502</td></tr></tbody></table>	Property Type	Number	Application Number:	11801502							
Property Type	Number										
Application Number:	11801502										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Kent J. Tobin										
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PATENT

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REEL: 019820 FRAME: 0633

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Kazuyoshi Hanada of 3-2-17 Chimura, Hadano-shi, Kanagawa, 259-1324 Japan; Masaru Muranishi of 576-11 Nakazato, Ninomiya-machi, Naka-gun, Kanagawa, 259-0131 Japan; Takashi Matsuki of 72-321 Naruda, Odawara-shi, Kanagawa-ken 250-0861, Kanagawa-ken, 250-0861 Japan; and Yuuji Ishima of 1-5-30 Nishisakawa, Odawara-shi, Kanagawa, 256-0817 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 DISK APPARATUS

Date(s) of execution of Declaration:

Filing Date:               May 9, 2007

Application No.:           11/801,502           ; 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.

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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: Apr. 18 / 2007

花田 一良

Kazuyoshi Hanada

Dated: April 18/2007

村西 勝

Masaru Muranishi

Dated: Apr. 18 / 2007

松本 俊

Takashi Matsuki

Dated: Apr. 18 / 2007

伊嶋 雄二

Yuuji Ishima

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