

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>Takaaki Deguchi</td><td>09/16/2005</td></tr><tr><td>Toshiyuki Katoh</td><td>09/21/2005</td></tr><tr><td>Katsumi Kiguchi</td><td>09/21/2005</td></tr><tr><td>Nobuo Sasaoka</td><td>09/21/2005</td></tr><tr><td>Kohichi Suzuki</td><td>09/16/2005</td></tr><tr><td>Shingo Tsuda</td><td>09/16/2005</td></tr></tbody></table>	Name	Execution Date	Takaaki Deguchi	09/16/2005	Toshiyuki Katoh	09/21/2005	Katsumi Kiguchi	09/21/2005	Nobuo Sasaoka	09/21/2005	Kohichi Suzuki	09/16/2005	Shingo Tsuda	09/16/2005	
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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>11200865</td></tr></tbody></table>	Property Type	Number	Application Number:	11200865											
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CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	16869Q-153600US														
NAME OF SUBMITTER:	Chun-Pok Leung														

CH \$40.00 11200865

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Takaaki Deguchi of 897-3-302, Shimo-Sakinobe, Takatsu-ku, Kawasaki-shi, Kanagawa, 213-0033 Japan; Toshiyuki Katoh of 1-20-4 Shimo-Seya, Seya-ku, Yokohama-shi, Kanagawa, 246-0035 Japan; Katsumi Kiguchi of 2-4-10-301, Engyo, Fujisawa-shi, Kanagawa, 252-0805 Japan; Nobuo Sasaoka of 1-4-1-601, Shibuya, Yamato-shi, Kanagawa, 242-0023 Japan; Kohichi Suzuki of 5-5-4-408, Ishikawa, Fujisawa-shi, Kanagawa, 252-0815 Japan; and Shingo Tsuda of 280-10-302, Eda-machi, Aoba-ku, Yokohama-shi, Kanagawa, 225-0013 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 DRIVE, WIRING CONNECTION
STRUCTURE AND TERMINAL STRUCTURE**

Date(s) of execution of Declaration:

Filing Date: **August 9, 2005**

Application No.: **11/200,865** ; and

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: 16 September, 2005

出口隆明

Takaaki Deguchi

Dated: Sep. 21, 2005

加藤俊幸

Toshiyuki Katoh

Dated: Sep. 21, 2005

木口 勝海
Katsumi Kiguchi

Dated: Sep. 21, 2005

笹岡 信夫
Nobuo Sasaoka

Dated: Sep. 16, 2005

K Suzuki
Kohichi Suzuki

Dated: Sep. 16, 2005

Shingo Tsuda
Shingo Tsuda

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