

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Hideo Yamakura</td> <td>05/12/2005</td> </tr> <tr> <td>Kiyonori Shiraki</td> <td>05/12/2005</td> </tr> <tr> <td>Tatsumi Tsuchiya</td> <td>05/12/2005</td> </tr> <tr> <td>Masanori Tanabe</td> <td>05/12/2005</td> </tr> </tbody> </table>		Name	Execution Date	Hideo Yamakura	05/12/2005	Kiyonori Shiraki	05/12/2005	Tatsumi Tsuchiya	05/12/2005	Masanori Tanabe	05/12/2005
Name	Execution Date										
Hideo Yamakura	05/12/2005										
Kiyonori Shiraki	05/12/2005										
Tatsumi Tsuchiya	05/12/2005										
Masanori Tanabe	05/12/2005										
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											
<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>11101189</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11101189						
Property Type	Number										
Application Number:	11101189										
CORRESPONDENCE DATA											
Fax Number:	(415)576-0300										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(650)326-2400										
Email:	rl@townsend.com										
Correspondent Name:	Townsend and Townsend and Crew LLP										
Address Line 1:	2 Embarcadero Center, 8th Floor										
Address Line 4:	San Francisco, CALIFORNIA 94111-3834										
NAME OF SUBMITTER:	Chun-Pok Leung										
Total Attachments: 1 source=16869Q-144600US Assignment#page1.tif											

CH \$40.00 11101189

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Hideo Yamakura of 1453-6 Kamikurata-cho, Totsuka-ku, Yokohama, Kanagawa, 244-0816 Japan; Kiyonori Shiraki of 2-19-21 Minamikonomiya, Odawara, Kanagawa, 250-0875 Japan; Tatsumi Tsuchiya of 3-1-16-202 Teraodai, Ayase-shi, Kanagawa, 252-1137 Japan; and Masanori Tanabe of 5-12-6 Morinosato, Atsugi, Kanagawa, 243-0122 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: **THIN FILM MAGNETIC HEAD AND HEAD GIMBAL ASSEMBLY**

Date(s) of execution of Declaration:

Filing Date: **April 6, 2005**

Application No.: **11/101,189** ; and

WHEREAS, Hitachi Global Storage Technologies Netherlands B.V. of 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: 5/12/05

Hideo Yamakura
Hideo Yamakura

Dated: 5/12/05

Kiyonori Shiraki
Kiyonori Shiraki

Dated: 5/12/05

Tatsumi Tsuchiya
Tatsumi Tsuchiya

Dated: 5/12/05

Masanori Tanabe
Masanori Tanabe

6046(0438 v1) ~~5/12/05~~ M.T

PATENT