

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Toshinori Ono | 02/16/2009 |
| Hiroshi Kanai | 02/16/2009 |
| Tatsuysa Hinoue | 02/16/2009 |
| Hiroyuki Suzuki | 02/16/2009 |
| Hiroshi Inaba | 02/16/2009 |
| 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: | 12378894 |
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| NAME OF SUBMITTER: | Kent J. Tobin |
| Total Attachments: 3 source=236500US Assignment#page1.tif | |

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Toshinori Ono of 2-25-1-208, Sekido, Tama-shi, Tokyo, 206-0011 Japan; Hiroshi Kanai of 2761-1-208, Koze, Odawara-shi, Kanagawa-ken, 256-0812 Japan; Tatsuya Hinoue of 72-502 Naruda, Odawara, Kanagawa, 250-0862 Japan; Hiroyuki Suzuki of 6-21-13 Tsujido, Fujisawa, Kanagawa, 251-0047 Japan; and Hiroshi Inaba of 2-1-23, Ryouke, Izumi-ku, Yokohama, Kanagawa, 245-0004 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 RECORDING MEDIUM AND
MANUFACTURING METHOD THEREOF**

Date(s) of execution of Declaration:

Filing Date: February 20, 2009

Application No.: 12/378,894 ; 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.

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Attorney Docket No.: 16869Q-236500US
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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2/16/09

Toshinori Ono
Toshinori Ono

Dated: 2/16/09

Hiroshi Kanai
Hiroshi Kanai

Dated: 2/16/09

Tatsuya Hinoue
Tatsuya Hinoue

Dated: 2/16/09

Hiroyuki Suzuki
Hiroyuki Suzuki

Dated: _____

Hiroshi Inaba

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Assignment
Attorney Docket No.: 16869Q-236500US
Page 2

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

Dated: _____

Toshinori Ono

Dated: _____

Hiroshi Kanai

Dated: _____

Tatsuya Hinoue

Dated: _____

Hiroyuki Suzuki

Dated: 02/16/2009

稲葉 宏
Hiroshi Inaba

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