

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mr. David Robison Hall	10/24/2006
RECEIVING PARTY DATA	
Name:	Hitachi Global Technologies Netherlands, B.V.
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City:	Amsterdam
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11552888
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ATTORNEY DOCKET NUMBER:	HSJ9-2006-0043-US1
NAME OF SUBMITTER:	Steven J. Cahill
Total Attachments: 1 source=HG8ASSN#page1.tif	

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**ASSIGNMENT OF PATENT APPLICATION**

SOLO

WHEREAS, David Robison Hall of 4724 Canterbury Ct. NW, Rochester, MN 55901; hereinafter referred to as the "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Techniques For Improving Hard Disk Drive Efficiency

Date of execution of Declaration: October 24, 2006

Filing Date: October 25, 2006

Application No.: 11/552,888; and

WHEREAS, **Hitachi Global Technologies Netherlands, B.V.**, Locatellikade 1, 1076 AZ Amsterdam, 1070 AE 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 Assignor, Assignor has 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 Assignor 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.

Assignor further agrees that he 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.

Assignor hereby authorizes and requests The Law Office of Steven J. Cahill, 340 Laurel St., Menlo Park, CA 94025, to insert herein above the application number, filing date of said application, and dates of declaration when known.

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

Dated: 10/24/06

/David Hall/  
David Robison Hall