

PATENT ASSIGNMENT

Electronic Version v1.1

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter M. BAUMGART</td> <td>10/14/2009</td> </tr> <tr> <td>Robert E. EATON</td> <td>10/21/2009</td> </tr> <tr> <td>Bernhard E. KNIGGE</td> <td>10/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Peter M. BAUMGART	10/14/2009	Robert E. EATON	10/21/2009	Bernhard E. KNIGGE	10/02/2009		
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CORRESPONDENCE DATA											
Fax Number: (831)722-2350 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 408-377-0500 Email: bdinapoli@wagnerblecher.com Correspondent Name: HITACHI C/O WAGNER BLECHER LLP Address Line 1: 123 WESTRIDGE DRIVE Address Line 4: WATSONVILLE, CALIFORNIA 95076											
ATTORNEY DOCKET NUMBER:	HSJ920090025US1										
NAME OF SUBMITTER:	Desiree Chavez										
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PATENT
REEL: 023622 FRAME: 0777

ASSIGNMENT FOR PATENT APPLICATION

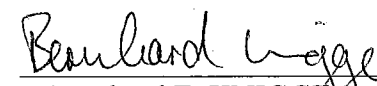
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application entitled:

REAL TIME MONITORING INCONSISTENT OPERATIONS IN A HARD DISK DRIVE

Whereas, **Hitachi Global Storage Technologies Netherlands B.V.**, having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter referred to as "HITACHI"), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HITACHI, its successors and assigns; and we hereby agree that HITACHI may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: 10-14-2009
Typed Name: Peter M. BAUMGART
- 2) Signature: _____ Date: _____
Typed Name: Robert E. EATON
- 3) Signature:  Date: Oct 2nd 2009
Typed Name: Bernhard E. KNIGGE

ASSIGNMENT FOR PATENT APPLICATION

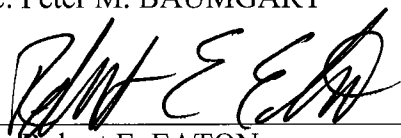
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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HITACHI, its successors and assigns; and we hereby agree that HITACHI may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

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