

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Bruce Alvin Gurney</td><td>09/04/2007</td></tr><tr><td>Ernesto E. Marinero</td><td>09/04/2007</td></tr><tr><td>Andrew Stuart Troup</td><td>08/30/2007</td></tr><tr><td>David Arfon Williams</td><td>09/12/2007</td></tr><tr><td>Joerg Wunderlich</td><td>09/05/2007</td></tr></tbody></table>	Name	Execution Date	Bruce Alvin Gurney	09/04/2007	Ernesto E. Marinero	09/04/2007	Andrew Stuart Troup	08/30/2007	David Arfon Williams	09/12/2007	Joerg Wunderlich	09/05/2007	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Hitachi Global Storage Technologies Netherlands B.V.</td></tr><tr><td>Street Address:</td><td>Locatellikade 1</td></tr><tr><td>Internal Address:</td><td>Parnassustoren</td></tr><tr><td>City:</td><td>1076 AZ Amsterdam</td></tr><tr><td>State/Country:</td><td>NETHERLANDS</td></tr></table>	Name:	Hitachi Global Storage Technologies Netherlands B.V.	Street Address:	Locatellikade 1	Internal Address:	Parnassustoren	City:	1076 AZ Amsterdam	State/Country:	NETHERLANDS			
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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>11858816</td></tr></tbody></table>	Property Type	Number	Application Number:	11858816									
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CORRESPONDENCE DATA													
Fax Number: (408)971-4660 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email: april@zilkakotab.com													
Correspondent Name: Zilka-Kotab, PC													
Address Line 1: P.O. Box 721120													
Address Line 4: San Jose, CALIFORNIA 95172													
ATTORNEY DOCKET NUMBER:	HSJ920060095US1/HIT1P266												
NAME OF SUBMITTER:	Ronald B. Feece												

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PATENT
REEL: 020791 FRAME: 0975

Total Attachments: 8

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ASSIGNMENT OF PATENT APPLICATION

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

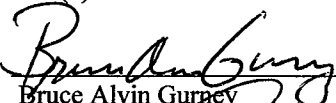

EMR SENSOR WITH INTEGRATED SIGNAL AMPLIFICATION

(Atty. Docket No.: HIT1P266/HSJ920060095US1) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **Hitachi Global Storage Technologies Netherlands B.V.**, a corporation having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

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

- 1) Signature: 
Typed Name: Bruce Alvin Gurney Date: Sept 4, 2007
- 2) Signature: 
Typed Name: Ernesto E. Marinero Date: Sept 4th, 2007

- 3) **Signature:** _____ **Date:** _____
 Typed Name: Andrew Stuart Troup
- 4) **Signature:** _____ **Date:** _____
 Typed Name: David Arfon Williams
- 5) **Signature:** _____ **Date:** _____
 Typed Name: Joerg Wunderlich

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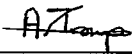
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- 1) Signature: _____ Date: _____
Typed Name: Bruce Alvin Gurney
- 2) Signature: _____ Date: _____
Typed Name: Ernesto E. Marinero

- 3) Signature:  Date: 30/8/07
Typed Name: Andrew Stuart Troup
- 4) Signature: _____ Date: _____
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- 5) Signature: _____ Date: _____
Typed Name: Joerg Wunderlich

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- 3) Signature: _____ Date: _____
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- 4) Signature: David Arfon Williams Date: 12 Sep 07
Typed Name: David Arfon Williams
- 5) Signature: _____ Date: _____
Typed Name: Joerg Wunderlich

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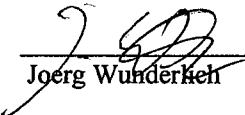
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- 4) Signature: _____ Date: _____
Typed Name: David Arfon Williams
- 5) Signature:  _____ Date: 5/9/2007
Typed Name: Joerg Wunderkeh