

RECORDATION FORM COVER SHEET

COMMISSIONER FOR
PATENTS
By Fax to
571-273-0140

Application Number: 13/337,046
Filing Date: Dec. 23, 2011
First Named Inventor: J. Contreras
Atty. Docket Num.
HSJ920110102US1

Please record the attached original assignment documents or copy thereof.

1. Name(s) of conveying party:

1. John Thomas Contreras, Palo Alto, CA
2. Rehan Ahmed Zakai, San Ramon, CA

2. Name and address of receiving party:

HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.
Locatellikade 1
Parnassustoren
1076 AZ Amsterdam
The Netherlands

3. Nature of conveyance:

XX Assignment

Execution Dates: 1-27-2012; 2-1-2012 _____

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution dates of the application are:

- A. Patent Application No.(s) _____
B. Patent No.(s) _____

5. Name and address of party to whom correspondence concerning document should be mailed:

G. Marlin Knight (#33,409)
Hoyt & Knight
PO Box 1320
Pioneer, CA 95666

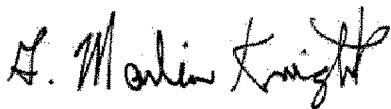
6. Total Number of applications and patents involved: **One**

7. Total fee (37 CFR 3.41).....\$ **40.00**

Authorized to be charged to deposit account.

8. **Deposit Account Number: 50-2587**

9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.



Date: Feb. 1, 2012

G. Marlin Knight (Reg. Number 33,409)
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(Total number of pages including cover sheet, attachments, and document: 2)

CH \$40.00 502587 13337046

HSJ920110102US1

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PATENT
REEL: 027637 FRAME: 0637

ASSIGNMENT FOR PATENT APPLICATION

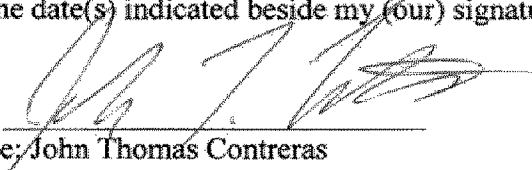
Whereas, I/we the undersigned inventor(s) have invented certain improvements as set forth in the patent application with serial number 13/337,046 which was filed on Dec. 23, 2011 entitled:

SIGNAL-EXTRACTION LASER-PULSE SYSTEM ARCHITECTURE FOR THERMALLY-ASSISTED MAGNETIC RECORDING

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: 
Typed Name: John Thomas Contreras

Date: 1/27/12

2) Signature: 
Typed Name: Rehan Ahmed Zakai

Date: 2/1/2012

HSJ920110102US1

RECORDED: 02/01/2012

PATENT
REEL: 027637 FRAME: 0638