

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Thomas Dudley Boone Jr.	12/23/2008
Timothy Carl Strand	12/17/2008
Bruce David Terris	12/17/2008
RECEIVING PARTY DATA	
Name:	Hitachi Global Storage Technologies Netherlands BV
Street Address:	Locatellikade 1
Internal Address:	Parnassustoren
City:	1076 AZ Amsterdam
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12346930
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NAME OF SUBMITTER:	Michael E. Noe, Jr.
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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PATENT

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REEL: 022042 FRAME: 0842

ASSIGNMENT FOR PATENT APPLICATION

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

**SYSTEM, METHOD AND APPARATUS FOR INTERNAL POLARIZATION ROTATION
FOR HORIZONTAL CAVITY, SURFACE EMITTING LASER BEAM FOR THERMALLY
ASSISTED RECORDING IN 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: 
Typed Name: Thomas Dudley Boone, Jr.

Date: 12/23/08

2) Signature: _____
Typed Name: Timothy Carl Strand

Date: _____

3) Signature: _____
Typed Name: Bruce David Terris

Date: _____

ASSIGNMENT FOR PATENT APPLICATION

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**SYSTEM, METHOD AND APPARATUS FOR INTERNAL POLARIZATION ROTATION
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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.

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

- 1) Signature: _____ Date: _____
Typed Name: Thomas Dudley Boone, Jr.
- 2) Signature: Timothy Carl Strand Date: 12/17/2008
Typed Name: Timothy Carl Strand
- 3) Signature: Bruce David Terris Date: 12/17/2008
Typed Name: Bruce David Terris