

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yi Zheng	09/18/2007
Yimin Hsu	09/11/2007
Wen-Chien David Hsiao	10/18/2007
Ming Jiang	09/17/2007
Aron Pentek	09/20/2007
Sue Siyang Zhang	09/19/2007
Edward Hin Pong Lee	09/18/2007
Hung-Chin Guthrie	09/18/2007
Ning Shi	10/03/2007
Vladimir Nikitin	11/01/2007
Prabodh Ratnaparkhi	11/01/2007
Yinshi Liu	10/17/2007

RECEIVING PARTY DATA

Name:	Hitachi Global Storage Technologies Netherlands B.V.
Street Address:	Locatellikade 1
Internal Address:	Parnassustoren
City:	1076 AZ Amsterdam
State/Country:	NETHERLANDS

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11934687

CORRESPONDENCE DATA

Fax Number: (408)971-4660

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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PATENT

500512099

REEL: 020791 FRAME: 0995

CH \$40.00 11934687

Correspondent Name: Zilka-Kotab, PC
Address Line 1: P.O. Box 721120
Address Line 4: San Jose, CALIFORNIA 95172

ATTORNEY DOCKET NUMBER:

HSJ920070056US1/HIT1P285

NAME OF SUBMITTER:

Ronald B. Feece

Total Attachments: 2

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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:

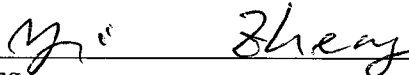
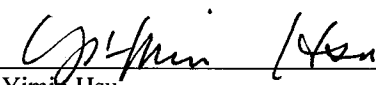
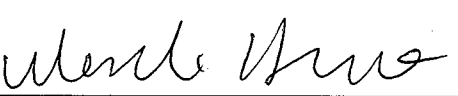
SHORT FLARE DEFINITION BY ADDITIVE PROCESS FOR PERPENDICULAR HEAD

(Atty. Docket No.: HIT1P285/HSJ920070056US1) 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:  Date: 9-18-07
Typed Name: Yi Zheng
- 2) Signature:  Date: 9-11-07
Typed Name: Yimin Hsu
- 3) Signature:  Date: 10-18-07
Typed Name: Wen-Chien David Hsiao

- 4) Signature: Ming Jiang Date: 9-17-2007
Typed Name: Ming Jiang
- 5) Signature: Aron Pentek Date: 9-20-2007
Typed Name: Aron Pentek
- 6) Signature: Sue Siyang Zhang Date: 9/19/07
Typed Name: Sue Siyang Zhang
- 7) Signature: Edward Hin Pong Lee Date: 9-18-2007
Typed Name: Edward Hin Pong Lee
- 8) Signature: Hung-Chin Guthrie Date: 9-18-2007
Typed Name: Hung-Chin Guthrie HC 6
- 9) Signature: Ning Shi Date: 10/3/2007
Typed Name: Ning Shi
- 10) Signature: Vladimir Nikitin Date: 11/1/07
Typed Name: Vladimir Nikitin
- 11) Signature: Prabodh Ratnaparkhi Date: 11/1/07
Typed Name: Prabodh Ratnaparkhi
- 12) Signature: Yinshi Liu Date: 10/17/07
Typed Name: Yinshi Liu