PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISHANTH SKANDAKUMARAN	09/03/2014
ARUN KUMAR MEDAPATI	09/10/2014
SRI RAMA NAMALA	09/03/2014
ASHWIN NARASIMHA	09/03/2014
AJITH KUMAR B	09/09/2014

RECEIVING PARTY DATA

Name:	HGST NETHERLANDS B.V.
Street Address:	HERIKERBERGWEG 328
Internal Address:	LUNA ARENA
City:	AMSTERDAM
State/Country:	NETHERLANDS
Postal Code:	1101 CM

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14493567

CORRESPONDENCE DATA

Fax Number: (617)526-5000

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: miranda.mitchell@wilmerhale.com

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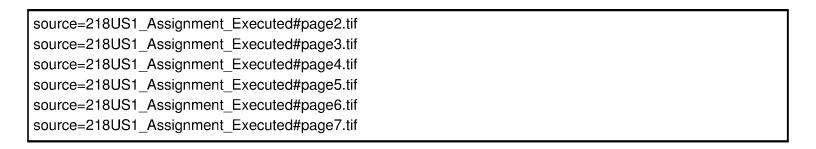
ATTORNEY DOCKET NUMBER:	2202374.218US1
NAME OF SUBMITTER:	MIRANDA F. MITCHELL
SIGNATURE:	/Miranda F. Mitchell/
DATE SIGNED:	10/08/2014

Total Attachments: 7

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PATENT



PATENT REEL: 033914 FRAME: 0571

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, by Krishanth SKANDAKUMARAN; Arun Kumar MEDAPATI; Sri Rama NAMALA; Ashwin NARASIMHA; and Ajith Kumar B (hereinafter referred to as Assignors), residing at 14566 S. Bascom Ave., Los Gatos, California 95032; #3-425, Indiranagar, Anaparthi, East Godavari District, Andhra Pradesh-533342, INDIA; 2035 Samaritan Drive, San Jose, California 95124; 1484 Kingfisher Way, Sunnyvale, California 94087; and T3, SMP2, Near Maruti Dental College, Off Bannerghatta Road, Kammanahallli, Kamataka, Bangalore-560076, INDIA, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SYSTEM AND METHOD FOR CONTROLLING PCIe DIRECT ATTACHED NONVOLATILE MEMORY STORAGE SUBSYSTEMS, set forth in a Patent application for Letters Patent of the United States, filed on September 23, 2014 as U.S. Patent Application No. 14/493, 567; and

WHEREAS, HGST Netherlands B.V., having its principal place of business at Herikerbergweg 328, Luna ArenA, 1101 CM Amsterdam, NETHERLANDS (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the

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same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as

> PATENT REEL: 033914 FRAME: 0573

Assignce of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignce, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 23483

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

9/3/14	A Carrena Commence
9 3 14 Date	Krishanth Skandakumaran
Witness:	
Date	
Date	Arun Kumar Medapati
Witness:	
Date	

Atty. Docket No. 2202374.218US1

Date	Sri Rama Namala
Witness:	
Date	
9/3/2014 Date	Ashwin Narasimha
Witness:	
Date	
Date	Ajith Kumar B
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Witness:	

Afty. Docket No. 2202374.218US1

9/3/14	Legal Control of the
Date	Sri Rama Namala
Witness:	
Date	
- N. J.	
Date	Ashwin Narasimha
Witness:	
Date	
Date	Ajith Kumar B
Witness:	
Date	

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Date	Sri Rama Namala
Witness:	
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Date	
1781C	Ashwin Narasimha
Witness:	
Date	
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Date	Ajith Komen B
Witness:	
10-566-5014	il down tumon
Date	ARUN KUMAR MEDARATI

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Atty. Docket No. 2202374.218US1

Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

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Date	Krishanth Skandakumaran
Witness:	
Date	
10 Sep 2014	Il stormy kuman
Date	Arun Kumar Medapati
Witness:	AN Kurus
Date	AJITA KUMAK K

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RECORDED: 10/08/2014