

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Barry C. Stipe		12/21/2007
RECEIVING PARTY DATA		
Name:	HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.	
Street Address:	Locatellikade 1, Parnassustoren	
City:	Amsterdam	
State/Country:	NETHERLANDS	
Postal Code:	1076 AZ	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12006439	
CORRESPONDENCE DATA		
Fax Number:	(831)722-2350	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	408-377-0500	
Email:	dchavez@wagnerblecher.com	
Correspondent Name:	Wagner Blecher LLP	
Address Line 1:	123 Westridge Drive	
Address Line 4:	Watsonville, CALIFORNIA 95076	
ATTORNEY DOCKET NUMBER:	HSJ920070132US1	
NAME OF SUBMITTER:	Desiree Chavez	
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PATENT
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US Department of Commerce
Patent & Trademark OfficeASSIGNMENT

INVENTOR
AND CITY

Whereas, we

(1) Barry C. STIPE, San Jose/CA

have invented certain improvements in

TITLE

A TREE-STRUCTURE MEMORY DEVICE

and executed, respectively, a United States patent application therefore on

DATES THAT
INVENTORS
SIGNED THE

(1) _12/21/2007_____

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter called 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, 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

CITY

(1) at San Jose /Barry C. Stipe/ _____ SIGNATURE

DATE

on 12/21, 2007, Barry C. STIPE