Form PTO-1595 R (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
Tab settings ⇒ ⇒ ▼				
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Prakash Kasiraj Stefan Maat 2. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Name and address of receiving party(ies) Name: HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V. Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes ✓ No				
3. Nature of conveyance: ✓ Assignment	Street Address: Locatellikade 1 100 AZ Amsterdam			
Security Agreement	P.O. Box 75215 1070 AE Amsterdam The Netherlands			
	City:State:Zip:			
Execution Date:	Additional name(s) & address(es) attached? ☐ Yes ✓ No			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s)				
Additional numbers attached? ☐ Yes ✓ No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: HITACHI GLOBAL STORAGE TECHNOLOGIES Internal Address:	7. Total fee (37 CFR 3.41)\$_40			
intellectual Property Law Mail Stop NHGB/014-2	✓ Authorized to be charged to deposit account			
Street Address: 5600 Cottle Road	8. Deposit account number:			
	502587			
City: San Jose State: CA Zip: 95193	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
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. Douglas R. Millett	mrure 2/10/04			
Name of Person Signing	Signature Date			
Total number of pages including cover	er sheet, attachments, and documents:			

10776484

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

01 FC:8021 40.00 MA

PATENT

REEL: 014983 FRAME: 0767

Whereas, I/we,

Docket HSJ920030267US1

ASSIGNMENT

(1)	Prakash Kasiraj	(2)	Stefan Maat
• ,	City of San Jose	. ,	City of San Jose
	County of Santa Clara		County of Santa Clara
	State of CA		State of CA
(3)		(4)	
	City of		City of
	County of		County of
(5)	State of	(6)	State of
	City of	(6)	City of
	County of		County of
	State of		State of

have invented certain improvements in:

CURRENT-PERPENDICULAR-TO-PLANE MAGNETORESISTIVE SENSOR WITH FREE LAYER STABILIZED AGAINST VORTEX MAGNETIC DOMAINS GENERATED BY THE SENSE CURRENT

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) 02/10/04	(2) 02/09/04	(3)
(4)	(5)	(6)

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

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 filling 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.

PATENT REEL: 014983 FRAME: 0768

RECORDED: 02/10/2004

(1)	Inventor: Prakash Kasiraj	City/State: San Jose, CA
	Signature Andrew Man	Date 2/10/04
(2)	Inventor: Stefan Maat	City/State: San Jose, CA
	Signature Sorfu Man	Date 02/09/04
(3)	/ Inventor:	City/State: San Jose, CA
	Signature	Date
(4)	Inventor:	City/State: San Jose, CA
	Signature	Date
(5)	Inventor:	City/State: San Jose, CA
	Signature	Date
(6)	Inventor:	City/State: San Jose, CA

Signature _____ Date _____