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(1) Tan Jit Han	Name: WESTERN DIGITAL TECHNOLOGIES, INC.	
(2) Mandeep Singh	Internal Address:	
	P1	
Additional name(s) of conveying party(ies) attached?Yes ✓ No	9 00 00 00 00 00 00 00 00 00 00 00 00 00	
3. Nature of conveyance/Execution Date(s):	Street Address: 20511 LAKE FOREST DRIVE	
Execution Date(s) (1) 11/16/2005 (2) 11/15/2005 Assignment Merger	Street Address: 20511 LAKE FOREST DRIVE	
	City: _LAKE FOREST	
Security Agreement Change of Name		
Joint Research Agreement	State: CALIFORNIA	
Government Interest Assignment	Country: USA Zip: 92630	
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No	
	document is being filed together with a new application	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers at	ttached?	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved: One (1)	
Name: WESTERN DIGITAL TECHNOLOGIES, INC.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
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Email Address: sandra.genua@wdc.com	Authorized User Name Milad G. Shara, Esq.	
9. Signature: fam Som	November 30, 2005	
Signature	Date	
Jason T. Evans, Esq., Reg. No. 57,862	Total number of pages including sever	
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PATENT REEL: 017295 FRAME: 0434

ASSIGNMENT

Whereas, I, Tan Jit Han, a citizen of Malaysia, residing at Selangor Darul Ehsan, Malaysia, have invented certain new and useful improvements in METHODS, DEVICES AND SYSTEMS FOR SCREW FEEDING BY VACUUM AND GRAVITY (hereafter "Improvements") for which I have executed an application for a United States Patent filed on HEREWITH, Application No. UNKNOWN (hereafter "Application"); and

Whereas, Western Digital Technologies, Inc. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

Jit Han Date

State of California

County of Santa Clara) ss.

On Notary Public, personally appeared Tan Jit Han and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

Witness my hand and official seal.

ISABEL VALENCIA
Commission # 1486625
Notary Public - California
Santa Clara County
My Comm. Expires May 13, 2008

Notary Public

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ASSIGNMENT

Whereas, I, Mandeep Singh, a citizen of India, residing at Selangor Darul Ehsan, Malaysia, have invented certain new and useful improvements in METHODS, DEVICES AND SYSTEMS FOR SCREW FEEDING BY VACUUM AND GRAVITY (hereafter "Improvements") for which I have executed an application for a United States Patent filed on HEREWITH, Application No. UNKNOWN (hereafter "Application"); and

Whereas, Western Digital Technologies, Inc. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I hereby covenant and agree that I will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

Witnessed by:

Jega sothi So Singanayagam Type/Print 1st Witness Name

RECORDED: 11/30/2005

Rajeer Saini
ype/Print 2nd Witness Name

Witness Signature

Witness Signature

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PATENT REEL: 017295 FRAME: 0436