

04-12-2002

K35A0944



Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings

102054083 PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

VINAY K. AGARWAL ROBERT L. CLOKE

03/29/02

2. Name and address of receiving party(ies)

Name: WESTERN DIGITAL TECHNOLOGIES, INC

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST State: CA Zip: 92630

Execution Date: 03/27/2002

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: 03/29/2002

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:

Name: MILAD G. SHARA, REG. 39,367

Internal Address:

WESTERN DIGITAL TECHNOLOGIES, INC.

INTELLECTUAL PROPERTY DEPT. - C2

Street Address: 20511 LAKE FOREST DRIVE

City: LAKE FOREST State: CA Zip: 92630

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

23-1209

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

MILAD G. SHARA, REG. 39,367

Name of Person Signing

Signature

3/29/02 Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

04/11/2002 TDI A21 00000167 231209 10112202

01 FC:581 40.00 CH

PATENT REEL: 12771 FRAME: 0973

10/11/2002 03/29/02

ASSIGNMENT

Whereas, I, VINAY K. AGARWAL, a citizen of the United States of America, residing at Cupertino, California, have invented certain new and useful improvements in USING AN EXTERNAL SPIRAL SERVO WRITER TO WRITE SPIRAL REFERENCE PATTERNS TO A DISK TO FACILITATE WRITING PRODUCT SERVO BURSTS TO THE DISK (hereafter "Improvements") for which I have executed an application for a United States Patent filed 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, in consideration of One Dollar (\$1.00), and other 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.

Vinay K. Agarwal 3/27/02
VINAY K. AGARWAL Date

State of CALIFORNIA)
) ss.
County of SANTA CLARA)

On March 27, 2002, before me, Isabel Valencia Ching, Notary Public, personally appeared VINAY K. AGARWAL 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 Ching
Notary Public



