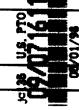
05-15-1998

PATENT RECORD MRd 5-1-98 COVER SI



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Attorney Docket No. **I69.12-0361**



| To the Commissioner for Patents. Please record the attached original d | ocument or copy thereof. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Name of conveying party(ies): (1) Peter Crane (2) Roger A. Resh (3) | Name and address of receiving party(ies): Name: Seagate Technology, Inc. | |
| Additional name(s) of conveying party(ies) attached? [] Yes [X] No | Internal Address: Street Address: 920 Disc Drive | |
| 3. Nature of Conveyance: | City Scotts Valley State CA ZIP 95066 | |
| [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other | | |
| Execution Date: (1) 3/30/98; (2) 4/1/98 | Additional name(s) & address(es) attached? [] Yes [X] No | |
| 4A. Application No.(s) 09/07/6// | 4B. Patent No.(s) | |
| If this document is being filed together with a new application, the execution date(s) of the application is: (1) 3/30/98; (2) 4/1/98 Additional numbers attached? [] Yes [X] No | Additional numbers attached? [] Yes [] No | |
| Name and address of party to whom correspondence concerning document should be mailed: | Total number of applications and patents involved: [1] | |
| Name: Robert M. Angus Street Address: Kinney & Lange, P.A., | 7. Total fee (37 C.F.R. 3.41):\$ 40.00 | |
| Suite 1500, 625 Fourth Avenue South City: Minneapolis State: MN ZIP 55415-1659 | 8. Method of Payment [X] Enclosed [X] The Commissioner is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 11-0982. | |
| DO NOT USE THIS SPACE | | |
| 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. | | |
| Robert M. Angus May 1,1998 Date | | |
| Total number of pages including cover sheet, attachments and document: [3] | | |

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ASSIGNMENT

Attorney Docket No.

I69.12-0361

| First Named Inventor : Lei Zhang |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title : ELECTROMAGNETIC DISC DRIVE MICROACTUATOR AND SUSPENSION |
| WHEREAS, I, Lei Zhang of San Jose, California, U.S.A.; Peter Crane of Richfield, Minnesota, U.S.A.; and Roger A. Resh of Prior Lake, Minnesota, U.S.A., have invented certain new and useful improvements as described in an application entitled <u>ELECTROMAGNETIC DISC DRIVE MICROACTUATOR AND SUSPENSION</u> for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No |
| WHEREAS, Seagate Technology, Inc., a corporation organized and existing under the laws of the State of Delaware, and having offices at 920 Disc Drive, Building 15, Scotts Valley, California 95066, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor; |
| NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee. |
| I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. |
| I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries. |
| I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries. |
| Lei Zhang |
| STATE OF CALIFORNIA) |
| COUNTY OF SANTA CLARA) ss. |
| Subscribed and sworn to before me, a Notary Public, this day of, 1998. |
| Notary Public (SEAL) |
| Page 1 of 2 Pages |

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Assignment of Patent Application to Seagate Technology, Inc. "Electromagnetic Disc drive Microactuator and Suspension I69.12-0361, SEA-8593

| | Peter Crane | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------|
| STATE OF MINNESOTA |) | |
| COUNTY OF HENNEPIN |) ss.) | |
| Subscribed | and sworn to before me, a Notary Public, this 30 day of MARCH | _, 1998 |
| MARCIA A. RAMTHUN NOTARY PUBLIC - MINNESOTA DAKOTA COUNTY M(SEPAL) Expires Jan. 31, 2000 | Marcia a. Ram thew Notary Public | |
| Money manage of the second of | | |
| | Roger A. Resh | |
| STATE OF MINNESOTA |)) ss. | |
| COUNTY OF HENNEPIN |) | |
| Subscribed | and sworn to before me, a Notary Public, this 1^{s-} day of 1^{s-} | _, 1998 |
| | hufm A Varga | |
| (SEAL) | Notary Public O | |
| LUANN A. VARGAS | •••••••••••••••••••••••••••••••••••••• | |

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