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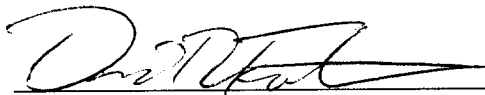
To the Commissioner for Patents: Please record the attached original document or copy thereof.

1. Name of conveying party(ies): (1) Peter Crane (2) (3) (4) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Seagate Technology LLC</u> Internal Address: _____ Street Address: <u>920 Disc Drive</u> City: <u>Scotts Valley</u> , State: <u>California</u> ZIP <u>95066</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>February 8, 2002</u>	4B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
4A. Application No.(s) <u>10/051,366</u> If this document is being filed together with a new application, the execution date(s) of the application is: _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>David R. Fairbairn</u> Street Address: <u>Kinney & Lange, P.A.,</u> <u>312 South Third Street</u> City: <u>Minneapolis</u> State: <u>MN</u> ZIP <u>55415-1002</u> 6. Total number of applications and patents involved: <u>[1]</u> 7. Total fee (37 C.F.R. 3.41):.....\$ <u>40.00</u>

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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.


 David R. Fairbairn

3/1/02
 Date

Total number of pages including cover sheet, attachments and document: [3]

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ASSIGNMENT

Attorney Docket No. : I69.12-0514

Seagate Docket No. : STL10070

WHEREAS, we Peter Crane of 384 Lawson Avenue East, St. Paul, Minnesota 55101, USA, Wayne A. Bonin of 21 Black Oak Road, North Oaks, Minnesota 55127, USA, Roger L. Hipwell, Jr. of 8080 Curtis Lane, Eden Prairie, Minnesota 55347-1111, USA, and Zine-Eddine Boutaghrou of 307 Lily Pond Lane, Vadnais Heights, Minnesota 55127, USA are the inventor(s) of an invention entitled MOVING COIL MICRO ACTUATOR WITH REDUCED ROTOR MASS that is the subject matter of: (Check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _ filed on _;
- an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. 10/051,366 filed on January 18, 2002; and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. , filed on ; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further 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 and appoint Assignee the common representative in the above identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives 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, including without limitation providing testimony in any related interference, litigation or proceeding.

Peter Crane

Peter Crane (Inventor)

Subscribed and sworn to before me in the County of _____, State of *MN*, a Notary Public, this *8th* day of *February*, 200 *02*.



(SEAL)

Katherine M. Miller

Notary Public

Wayne A. Bonin (Inventor)

Subscribed and sworn to before me in the County of _____, State of _____, a Notary Public, this _____ day of _____, 200 _____.

Notary Public

(SEAL)

Roger L. Hipwell, Jr. (Inventor)

Subscribed and sworn to before me in the County of _____, State of _____, a Notary Public, this _____ day of _____, 200 _____.

Notary Public

(SEAL)

Zine-Eddine Boutaghou (Inventor)

Subscribed and sworn to before me in the County of _____, State of _____, a Notary Public, this _____ day of _____, 200 _____.

Notary Public

(SEAL)