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05-12-2003

Form PTO-1595  
(Rev. 03/01)

RE



U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

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102444504

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

1. Name of conveying party(ies):

Jianwei Liu  
Michael Joseph Stimiman

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

4/23/2003

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Seagate Technology LLC

Internal Address: Intellectual Property Dept.

Street Address: 920 Disc Drive, SV15 B1

City: Scotts Valley State: CA Zip: 95066

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): 10/428808

If this document is being filed together with a new application, the execution date of the application is: 4/29/03

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: Raghunath S. Minisandram

Internal Address: Intellectual Property Dept.

Street Address: 920 Disc Drive, SV15 B1

City: Scotts Valley State: CA Zip: 95066

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:

19-1036

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9. Signature.

Jesus Del Castillo, Registration No. 51,604  
Name of Person Signing

*Jesus Del Castillo*  
Signature

4/30/2003  
Date

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

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

PATENT  
REEL: 014040 FRAME: 0460

# ASSIGNMENT

Seagate Docket No. :

STL 3162

WHEREAS, We, Jianwei Liu of 40932 Canto Place, Fremont, CA 94538 (citizenship – China), and Michael Joseph Stirniman of 2801 Clymer Lane, Fremont, CA 94538 (citizenship – USA) are the inventors of an invention entitled PHOTO PROCESS TO IMPROVE TRIBOLOGICAL PERFORMANCE OF THIN LUBRICANT FILM and are 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. 60/380,770 filed on May 14, 2002;
- ☒ 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. \_\_\_\_\_ filed on \_\_\_\_\_; 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, I/we transfer to Assignee, its successors and assigns, my/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 I/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.

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/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.

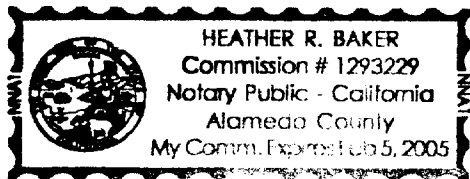
I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of 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.

Jianwei Liu  
Jianwei Liu (Inventor)

State of California )  
County of Alameda ) SS.

Subscribed and sworn to (or affirmed) before me this 23 day of April (month), 2003 (year) by  
Jianwei Liu (name of signer).

(SEAL)



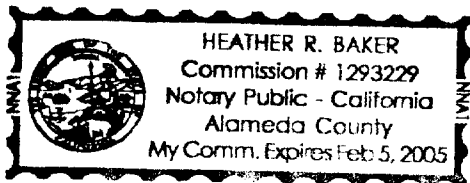
Heather R. Baker  
Notary Public

Michael Joseph Stirniman  
Michael Joseph Stirniman (Inventor)

State of California )  
County of Alameda ) SS.

Subscribed and sworn to (or affirmed) before me this 23 day of April (month), 2003 (year) by  
Michael Stirniman (name of signer).

(SEAL)



Heather R. Baker  
Notary Public