

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignor previously recorded on Reel 014040 Frame 0460. Assignor(s) hereby confirms the Assignment of Assignor's Interest.												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jianwei Liu</td><td>04/23/2003</td></tr><tr><td>Michael Joseph Stirniman</td><td>04/23/2003</td></tr></tbody></table>		Name	Execution Date	Jianwei Liu	04/23/2003	Michael Joseph Stirniman	04/23/2003						
Name	Execution Date												
Jianwei Liu	04/23/2003												
Michael Joseph Stirniman	04/23/2003												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>SEAGATE TECHNOLOGY LLC</td></tr><tr><td>Street Address:</td><td>920 Disc Drive</td></tr><tr><td>Internal Address:</td><td>SV15B1</td></tr><tr><td>City:</td><td>Scotts Valley</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95066</td></tr></table>		Name:	SEAGATE TECHNOLOGY LLC	Street Address:	920 Disc Drive	Internal Address:	SV15B1	City:	Scotts Valley	State/Country:	CALIFORNIA	Postal Code:	95066
Name:	SEAGATE TECHNOLOGY LLC												
Street Address:	920 Disc Drive												
Internal Address:	SV15B1												
City:	Scotts Valley												
State/Country:	CALIFORNIA												
Postal Code:	95066												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10428808</td></tr></tbody></table>		Property Type	Number	Application Number:	10428808								
Property Type	Number												
Application Number:	10428808												
CORRESPONDENCE DATA													
Fax Number: (831)438-1290 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 831-439-7319													
Email: suzanne.m.forno@seagate.com													
Correspondent Name: Raghunath S. Minisandram													
Address Line 1: 920 Disc Drive													
Address Line 2: SV15B1													
Address Line 4: Scotts Valley, CALIFORNIA 95066													
ATTORNEY DOCKET NUMBER:	STL 3162												
NAME OF SUBMITTER:	Raghunath S. Minisandram												

CH \$40.00 10428808

500060972

PATENT
REEL: 016789 FRAME: 0091

Total Attachments: 4

source=3162assignment#page1.tif

source=3162assignment#page2.tif

source=3162assignment#page3.tif

source=3162assignment#page4.tif

PATENT

REEL: 016789 FRAME: 0092

OCT 20 2003

OCTOBER 10, 2003

LA _____ Chief Financial Officer and Chief Administrative Officer
RTE _____ ATTY _____ Washington, DC 20231
Other PTAS FILE _____ www.uspto.gov

RAGHUNATH S. MINISANDRAM
INTELLECTUAL PROPERTY DEPT.
920 DISC DRIVE, SV15 B1
SCOTTS VALLEY, CA 95066



102444504A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/30/2003

REEL/FRAME: 014040/0460
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
LIU, JIANWEI

DOC DATE: 04/23/2003

ASSIGNOR: *Stimman*
~~STIMMAN~~, MICHAEL JOSEPH

DOC DATE: 04/23/2003

ASSIGNEE:
SEAGATE TECHNOLOGY LLC
920 DISC DRIVE, SV15 B1
INTELLECTUAL PROPERTY DEPT.
SCOTTS VALLEY, CALIFORNIA 95066

SERIAL NUMBER: 10428808
PATENT NUMBER:

FILING DATE: 04/30/2003
ISSUE DATE:

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

	Date	By	Dktd	By
Rcvd	10/10	gdc	✓	ST
Due	11/03			
Rspd				
Follow				

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)

Tab settings ⇌ ⇌ ⇌ ▼

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 4/23/2003

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

DO NOT USE THIS SPACE

9. Signature.

Jesus Del Castillo, Registration No. 51,604

Name of Person Signing

Signature

4/30/2003
Date

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

05/12/2003 ECOOPER 00000013 191036

10428808

01 FC:8021

40.00 CH

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

PATENT
 REEL: 016789 FRAME: 0094

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.

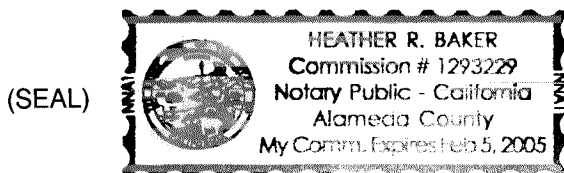
I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, 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).

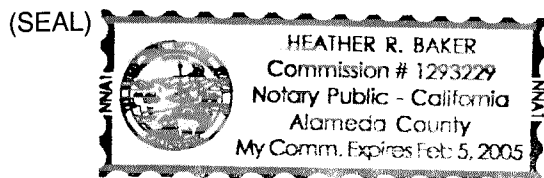


Heather R. Baker
Notary Public

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).



Heather R. Baker
Notary Public