

05-17-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FRI APR 24 PM 12: 59

101359401  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

OPR/FINANCE

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

1. Name of Conveying party(ies):  
**Zine-Eddine Boutaghou**  
**Mark James Schaezner**  
**William Omar Liners**  
**Joel William Hoehn**  
**Andreas Argyros Polycarpou**

2. Name and address of receiving party(ies):

Name: **SEAGATE TECHNOLOGY, INC.**  
 Internal Address: P.O. Box 66360  
 Street Address: 920 Disc Drive  
 City: Scotts Valley State: CA Zip: 95067-0360

Additional name(s) of Conveying party(ies) attached: ☐ Yes ☒ No

3. Name of Conveyance:

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

Execution Date February 4, 2000

Additional name(s) &amp; addresses 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 this application is:

A. Patent Application No.(s)  
 09/493.290

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning documents should be mailed:

Name: Edward P. Heller, III  
 Internal Address: P.O. Box 66360  
 Street Address: 920 Disc Drive, M/S SV15B1  
 City: Scotts Valley State: CA Zip: 95066-0360

6. Total number of applications and patents involved ..... [ 1 ]

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

☐ Enclosed  
☒ Authorized to be charged to deposit account  
☒ Authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to Deposit Account

05/16/2000 DNGUYEN 00000222 191036 09493290

01 FC:581 40.00 CH

8. Deposit account number: 19-1036

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.*

Edward P. Heller, III  
 Name of Person Signing

Signature

April 20, 2000

Date

Total number of pages including cover sheet, attachments, and documents [ 8 ]

[PTO1595]

**PATENT**  
**REEL: 010783 FRAME: 0078**

## ASSIGNMENT

WHEREAS, We the undersigned, Zine-Eddine Boutaghou, Mark James Schaezner,  
William Omar Liners, Joel William Hoehn and Andreas Argyros Polycarpou  
(hereinafter "Inventor(s)") having invented certain new and useful improvements which may be used in disc drives and entitled "Burnishing Head With Fly Height Control Spacer" which an application for United States Letters Patent has been executed contemporaneously herewith; and

WHEREAS, Seagate Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having a place of business at Seagate Technology, Inc., Scotts Valley, California 95066, is desirous of acquiring the entire right, title and interest in and to said application and said invention, as well as any and all applications for Letters Patents and Inventor's Certificates which may be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such application.

NOW, THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged, We have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto Seagate Technology, Inc., its successors and assigns, our entire right, title and interest in, to and under said invention and said application, and any and all Letters Patents which may be granted for said invention and/or on said application, including all extensions, continuations, divisions and reissues thereof, and our right of priority under the International Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and any other convention, treaty or reciprocal agreement to which the United States is a party concerning priority in inventions, patents, designs, inventor's certificates, industrial property or industrial models, and any and all applications for Letters Patents or Inventor's Certificates which has heretofore or may hereafter be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such applications, including all extensions, continuations, divisions, reissues and renewals thereof; the same to be held and enjoyed by Seagate Technology, Inc. for its own use and behoof and for the use and behoof of its successors and assigns as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made;

AND, we covenant that we have not and will not execute any instrument or take any action contrary to this assignment, nor encumber the title of Seagate Technology, Inc. in, to and under said invention, applications, Letters Patents and Inventor's Certificates, and that we have the right to execute this instrument:

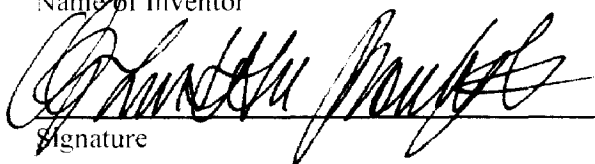
AND, we hereby covenant and agree to keep Seagate Technology, Inc. advised to our current residence address, and our, or our executors, administrator, representatives or assigns, will execute all papers, make all rightful oaths, and do all acts deemed by Seagate Technology, Inc., its successors and assigns, necessary or desirable in any proceeding concerning any of said applications or Letters Patents or Inventor's Certificates, including, but not limited to, proceedings for the procurement or enforcement of Letters Patents for said invention, or for the reissue, renewal or extension thereof, at the expense of Seagate Technology, Inc., its successors or assigns.

We hereby request the Commissioner of Patents of the United States, and any official of any country foreign to the United States whose duty is to issue Letters Patents or Inventor's Certificates on applications as aforesaid, to issue Letters Patents or Inventor's Certificates to Seagate Technology, Inc. or its designee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 4<sup>th</sup> day of  
February, ~~19~~ 2000

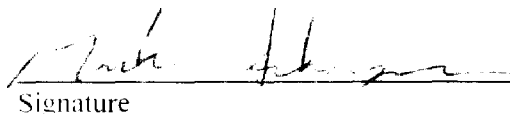
Zine-Eddine Boutaghou

Name of Inventor

  
Signature

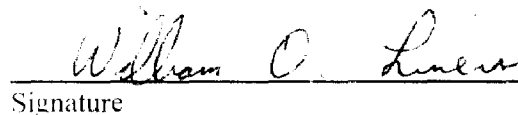
Mark James Schaenzer

Name of Inventor

  
Signature

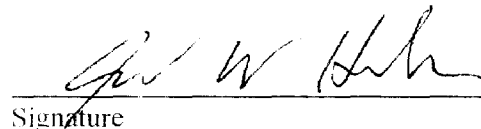
William Omar Liners

Name of Inventor

  
Signature

Joel William Hoehn

Name of Inventor

  
Signature

Andreas Argyros Polycarpou

Name of Inventor

\_\_\_\_\_  
Signature

U.S. Patent Application Assignment

Attorney Docket No.: SEA 9031

Inventor(s): Zine-Eddine Boutaghou, Mark J. Schaenzer, William O. Liners, Joel W. Hoehn and  
Andreas A. Polycarpou

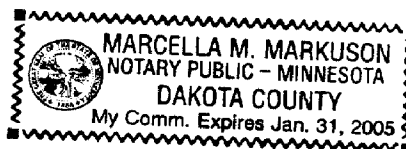
Entitled: "Burnishing Head With Fly Height Control Spacer"

STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin )

On February 4, 2000 before me, Marcella M. Markuson, a notary public,  
personally appeared Zine-Eddine Boutaghou personally known to  
me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s)  
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the  
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the  
instrument.

WITNESS my hand and official seal.

Marcella M. Markuson  
Notary Public

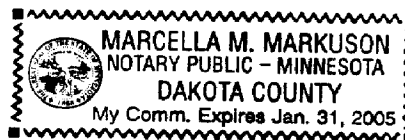


STATE OF Minnesota )  
 ) ss.  
COUNTY OF Hennepin )

On January 26, 2000 before me, Marcella M. Markuson, a notary public,  
personally appeared Mark James Schaenzer personally known to  
me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s)  
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the  
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the  
instrument.

WITNESS my hand and official seal.

Marcella M. Markuson  
Notary Public



U.S. Patent Application Assignment

Attorney Docket No.: SEA 9031

Inventor(s): Zine-Eddine Boutaghoul, Mark J. Schaenzer, William O. Liners, Joel W. Hoehn and  
Andreas A. Polycarpou

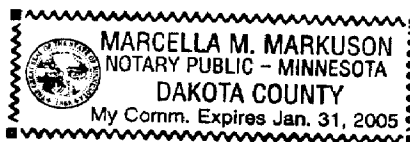
Entitled: "Burnishing Head With Fly Height Control Spacer"

STATE OF Minnesota )  
COUNTY OF Hennepin ) ss.

On January 27, 2005 before me, Marcella M. Markuson, a notary public, personally appeared William Omar Liners personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Marcella M. Markuson  
Notary Public

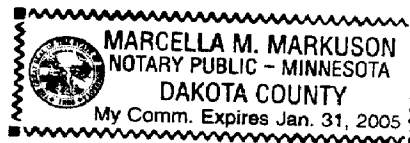


STATE OF Minnesota )  
COUNTY OF Hennepin ) ss.

On January 31, 2005 before me, Marcella M. Markuson, a notary public, personally appeared Joel William Hoehn personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Marcella M. Markuson  
Notary Public



## ASSIGNMENT

WHEREAS, We the undersigned, Zine-Eddine Boutaghoul, Mark James Schaezner,  
William Omar Liners, Joel William Hoehn and Andreas Argyros Polycarpou  
(hereinafter "Inventor(s)") having invented certain new and useful improvements which may be used in disc drives and entitled "Burnishing Head With Fly Height Control Spacer" which an application for United States Letters Patent has been executed contemporaneously herewith; and

WHEREAS, Seagate Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having a place of business at Seagate Technology, Inc., Scotts Valley, California 95066, is desirous of acquiring the entire right, title and interest in and to said application and said invention, as well as any and all applications for Letters Patents and Inventor's Certificates which may be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such application.

NOW, THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged, We have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto Seagate Technology, Inc., its successors and assigns, our entire right, title and interest in, to and under said invention and said application, and any and all Letters Patents which may be granted for said invention and/or on said application, including all extensions, continuations, divisions and reissues thereof, and our right of priority under the International Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and any other convention, treaty or reciprocal agreement to which the United States is a party concerning priority in inventions, patents, designs, inventor's certificates, industrial property or industrial models, and any and all applications for Letters Patents or Inventor's Certificates which has heretofore or may hereafter be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such applications, including all extensions, continuations, divisions, reissues and renewals thereof; the same to be held and enjoyed by Seagate Technology, Inc. for its own use and behoof and for the use and behoof of its successors and assigns as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made:

AND, we covenant that we have not and will not execute any instrument or take any action contrary to this assignment, nor encumber the title of Seagate Technology, Inc. in, to and under said invention, applications, Letters Patents and Inventor's Certificates, and that we have the right to execute this instrument

AND, we hereby covenant and agree to keep Seagate Technology, Inc. advised to our current residence address, and our, or our executors, administrator, representatives or assigns, will execute all papers, make all rightful oaths, and do all acts deemed by Seagate Technology, Inc., its successors and assigns, necessary or desirable in any proceeding concerning any of said applications or Letters Patents or Inventor's Certificates, including, but not limited to, proceedings for the procurement or enforcement of Letters Patents for said invention, or for the reissue, renewal or extension thereof, at the expense of Seagate Technology, Inc., its successors or assigns.

We hereby request the Commissioner of Patents of the United States, and any official of any country foreign to the United States whose duty is to issue Letters Patents or Inventor's Certificates on applications as aforesaid, to issue Letters Patents or Inventor's Certificates to Seagate Technology, Inc. or its designee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 27<sup>th</sup> day of  
January, 2000

Zine-Eddine Boutaghou

Name of Inventor

\_\_\_\_\_  
Signature

Mark James Schaenzer

Name of Inventor

\_\_\_\_\_  
Signature

William Omar Liners

Name of Inventor

\_\_\_\_\_  
Signature

Joel William Hoehn

Name of Inventor

\_\_\_\_\_  
Signature

Andreas Argyros Polycarpou

Name of Inventor

Andreas A. Polycarpou  
Signature

U.S. Patent Application Assignment

Attorney Docket No.: SEA 9031

Inventor(s): Zine-Eddine Boutaghoul, Mark J. Schaenzer, William O. Liners, Joel W. Hoehn and

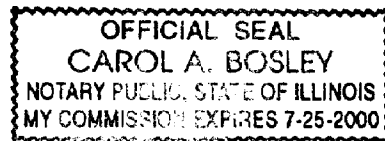
Andreas A. Polycarpou

Entitled: "Burnishing Head With Fly Height Control Spacer"

STATE OF Illinois )  
 ) ss.  
COUNTY OF Champaign )

On January 27, 2000 before me, Carol A. Bosley, a notary public, personally appeared Andreas A. Polycarpou personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Carol A. Bosley  
Notary Public