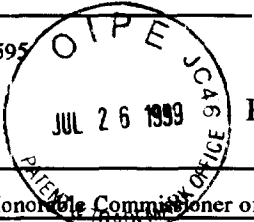


7-26-99

FORM PTO-1595



07-30-1999



101104474

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

HEET

Attorney Docket No. A-66182/JAS

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

1. Name of conveying party(ies):

Etoli Wolff, Samnathan Murthy, Norbert Steven
Parsonneault and Hans Leuthold

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: 06/24/99, 07/08/99 & 07/13/99

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

Name: Seagate Technology, Inc.

Address: 920 Disc Drive

Scotts Valley, California 95066

Additional name(s) & address(es) 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 the application is: _____

A. Patent Application No.(s)

09/257,469 filed 02/24/99

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James A. Sheridan

Address: Flehr Hobbach Test Albritton & Herbert LLP

Four Embarcadero Center, Suite 3400

San Francisco, CA 94111-4187

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, if necessary

8. Deposit account number:

06-1300 (Order No. A-65803/JAS)

(Attach duplicate copy of this page if paying by deposit account)

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.

James A. Sheridan, Reg. No. 25,435
Name of Person Signing

James A. Sheridan
Signature

July 21, 1999
Date

Total number of pages including cover sheet: 9

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

(136779)

ASSIGNMENT

WHEREAS we, **ETOLI WOLFF**, residing at **1575 Tenaka Place, T-7, Sunnyvale, California 94087**, **SAMNATHAN MURTHY**, residing at **373 Western Drive, Apt. D, Santa Cruz, California 95060**, **NORBERT STEVEN PARSONEAULT**, residing at **130 Zinfandel, Scotts Valley, California 95066**, and **HANS LEUTHOLD**, residing at **849 Gharkey Street, Santa Cruz, California 95060**, have invented certain new and useful improvements in ***SINGLE PLATE HYDRODYNAMIC BEARING WITH EXTENDED SINGLE JOURNAL BEARING***, and have executed a Declaration for a United States patent application on the invention; for which may be identified in the U.S. Patent and Trademark Office as U.S. Serial Number 09/257,469, filed February 24, 1999, and

Whereas, **Seagate Technology, Inc.**, a corporation of the State of Delaware, having a place of business at **920 Disc Drive, Scotts Valley, CA 95066, State of California**, (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to me in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said **Seagate Technology, Inc.** and said assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

I hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, I convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and I do hereby covenant and agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional renewal, reissued

or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee this

- (1) 24 day of June, 1999
- (2) _____ day of _____, 1999
- (3) 24 day of June, 1999
- (4) 8 day of July, 1999

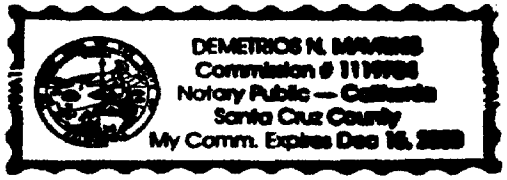
(1) _____
Etol Wolff
 Etoli Wolff

State of California)
) ss.
 County of Santa Cruz)

On this 24 day of June, in the year 1999, before me, Demetrios Mavrikis, Notary Public of the State of California in the County of Santa Cruz, personally appeared Etol Wolff, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Demetrios Mavrikis



(Seal)

State of California)
) ss.
County of _____)

On this ___ day of _____, in the year 1999, before me, _____, Notary Public of the State of California in the County of _____, personally appeared Samnathan Murthy, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

(Seal)

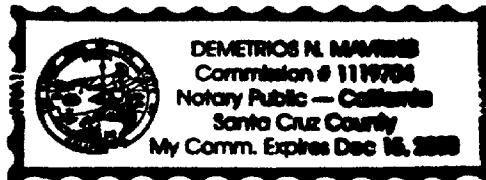
(3) *Norbert Steven Parsonault*
Norbert Steven Parsonault

State of California)
) ss.
County of Santa Cruz)

On this 24 day of June, in the year 1999, before me, Demetrios Mavrikis, Notary Public of the State of California in the County of Santa Cruz, personally appeared Norbert Steven Parsonault, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Demetrios N. Mavrikis*



(Seal)

(3)

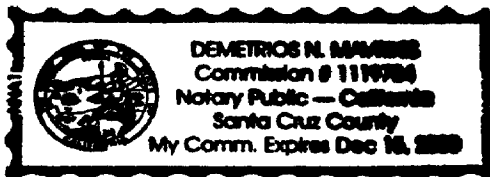
Hans Leuthold

State of California)
) ss.
County of Santa Cruz)

On this 8 day of July, in the year 1999, before me, Demetrios Mavrikis, Notary Public of the State of California in the County of Santa Cruz, personally appeared Hans Leuthold, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Demetrios N. Mavrikis



(Seal)

ASSIGNMENT

WHEREAS we, **ETOLI WOLFF**, residing at **1575 Tenaka Place, T-7, Sunnyvale, California 94087**, **SAMNATHAN MURTHY**, residing at **373 Western Drive, Apt. D, Santa Cruz, California 95060**, **NORBERT STEVEN PARSONEAULT**, residing at **130 Zinfandel, Scotts Valley, California 95066**, and **HANS LEUTHOLD**, residing at **849 Gharkey Street, Santa Cruz, California 95060**, have invented certain new and useful improvements in *SINGLE PLATE HYDRODYNAMIC BEARING WITH EXTENDED SINGLE JOURNAL BEARING*, and have executed a Declaration for a United States patent application on the invention; for which may be identified in the U.S. Patent and Trademark Office as U.S. Serial Number 09/257,469, filed February 24, 1999, and

Whereas, **Seagate Technology, Inc.**, a corporation of the State of Delaware, having a place of business at **920 Disc Drive, Scotts Valley, CA 95066, State of California**, (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to me in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said **Seagate Technology, Inc.** and said assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

I hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, I convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and I do hereby covenant and agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional renewal, reissued

or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee this

- (1) 24 day of June, 1999
- (2) _____ day of _____, 1999
- (3) 24 day of June, 1999
- (4) 8 day of July, 1999

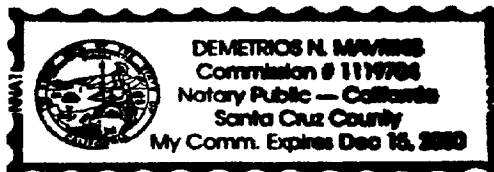
(1) _____
Etol Wolff
 Etoli Wolff

State of California)
) ss.
 County of Santa Cruz)

On this 24 day of June, in the year 1999, before me, Demetrios Mavrikis, Notary Public of the State of California in the County of Santa Cruz, personally appeared Etol Wolff, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Demetrios N. Mavrikis



(Seal)

(2) Samnathan Murthy
Samnathan Murthy

COLORADO
State of ~~California~~)
County of BOULDER) ss.

P.E. COLORADO

On this 13th day of JULY, in the year 1999, before me, PAT E. ESTERBROOK, Notary Public of the State of ~~California~~ in the County of BOULDER, personally appeared Samnathan Murthy, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Pat Esterbrook
my commission expires
Sept. 11, 2000

(Seal)

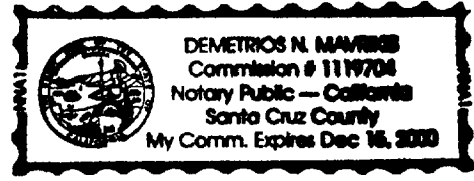
(3) Norbert Steven Parsonault
Norbert Steven Parsonault

State of California)
County of Santa Cruz) ss.

On this 24 day of June, in the year 1999, before me, Demetrios Mavrikis, Notary Public of the State of California in the County of Santa Cruz, personally appeared Norbert Steven Parsonault, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(ies), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Demetrios Mavrikis



(Seal)

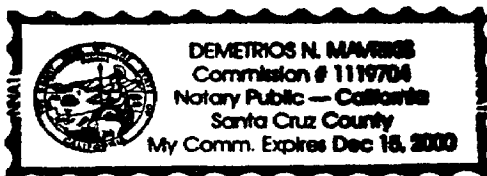
(3) _____
Hans Leuthold

State of California)
) ss.
County of Santa Cruz)

On this 8 day of July, in the year 1999, before me, Demetrios Mavrikis, Notary Public of the State of California in the County of Santa Cruz, personally appeared Hans Leuthold, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Demetrios N. Mavrikis



(Seal)