

02-15-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



SHEET

101267869

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

1. Name of Conveying party(ies): MRO
1-28-00
Peter Crane
Markus E. Mangold
Additional name(s) of Conveying party(ies) attached: Yes No

2. Name and address of receiving party(ies):
Name: Seagate Technology, Inc.
Internal Address: P.O. Box 66360
Street Address: 920 Disc Drive, M/S 15-7
City: Scotts Valley State: CA Zip: 95067-0360

3. Name of Conveyance:
 Assignment Merger
 Security Agreement Name Change
 Other _____

Execution Date January 21, 2000

Additional name(s) & addresses attached?
 Yes No

4. Application number(s) or patent number(s):
If this document is being filed together with the execution date of this application is:

A. Patent Application No.(s) 09/493,303
Additional Numbers attached? Yes No

B. Patent No.(s)

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

Name: Raghunath S. Minisandram
Internal Address: P.O. Box 66360
Street Address: 920 Disc Drive, M/S SV15B1
City: Scotts Valley State: CA Zip: 95067-0360

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

8. Deposit account number: 19-1036

02/15/2000 TTDH11 00000062 191036 094933303
01 FC:581 40.00 CH

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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.

Raghunath S. Minisandram
Name of Person Signing

Raghunath S. Minisandram
Signature

January 28, 2000
Date

Total number of pages including cover sheet, attachments, and documents [4]

[PTO1595]

ASSIGNMENT

WHEREAS, We the undersigned, Peter Crane and Markus Erwin Mangold (hereinafter "Inventor(s)") having invented certain new and useful improvements which may be used in disc drives and entitled "Suspension Gimbal With Reduced Pitch Stiffness, Compliant Preloading Bridge and Unloading Limiters" 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 21st day of January, 2000

Peter Crane
Name of Inventor

Peter Crane
Signature

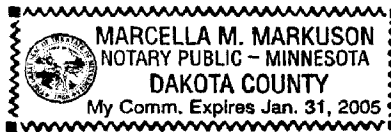
Markus Erwin Mangold
Name of Inventor

Markus Erwin Mangold
Signature

STATE OF Minnesota)
COUNTY OF Hennepin) ss.

On January 21, 2000 before me, Marcella M. Markuson, a notary public, personally appeared Peter Crane 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.

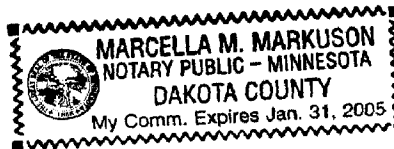


Marcella M. Markuson
Notary Public

STATE OF Minnesota)
COUNTY OF Hennepin) ss.

On January 21, 2000 before me, Marcella M. Markuson, a notary public, personally appeared Markus Erwin Mangold 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