

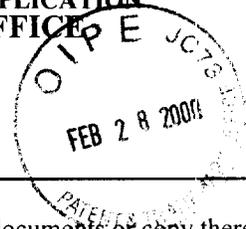
03-10-2000



101284233

PATENT APPLICATION
MARK OFFICE

SHEET



2-28-00

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

1. Name of conveying party(ies):
Housan Dakroub

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

3. Nature of conveyance:
 Assignment of U.S. Patent Application entitled MAGNETIC RECORDING USING DISCRETE PULSED WRITE CURRENTS IN A DISC DRIVE filed December 22, 1999.

- Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **February 18, 2000**

2. Name and address of receiving party(ies)

Name: **Seagate Technology, Inc.**

Internal Address: _____

Street Address: **920 Disc Drive**

City: **Scotts Valley** State: **CA** ZIP: **95067**

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)
09/470,659 filed 12/22/99

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Bill D. McCarthy**

Internal Address: _____

Street Address: **Crowe & Dunlevy**

1800 Mid-America Tower, 20 N. Broadway

City: **Oklahoma City** State: **OK** Zip: **73102-8273**

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: **13-0110**

(if additional fees required)

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.

Randall K. McCarthy

Name of Person Signing

Randall K. McCarthy
Signature

Reg. No. 39,297

February 28, 2000

Date

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

Docket No. **22609**
SEA **8999**

ASSIGNMENT

WHEREAS, I **Housan Dakroub**, am the inventor of an invention in **MAGNETIC RECORDING USING DISCRETE PULSED WRITE CURRENTS IN A DISC DRIVE**, for which I have executed an application for United States Letters Patent filed in the United States Patent and Trademark Office on December 22, 1999, the application being assigned United States Patent Application Serial No. 09/470,659; 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 Scotts Valley, California, 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, I 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, my 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 my 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 Patent or Inventor's Certificate 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 application, 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 me had this assignment not been made;

AND I covenant that I 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 I have the right to execute this instrument;

AND I hereby covenant and agree to keep Seagate Technology, Inc. advised of my current residence address, and I and my executors, administrators, 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. but without charge to Seagate Technology, Inc., its successors and assigns.

I 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.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale.

Date: 2/18/00 Housan Dakroub
Housan Dakroub, ASSIGNOR

STATE OF OKLAHOMA)
)
COUNTY OF CANADIAN) ss.

The instrument was acknowledged before me, a Notary Public, on this 18th day of February, 2000 by Housan Dakroub.
(Month)

Stephan A. Marshall
Notary Public

My Commission Expires:
10-19-02

Docket No. **22609**
SEA **8999**

ASSIGNMENT

WHEREAS, I **Housan Dakroub**, am the inventor of an invention in **MAGNETIC RECORDING USING DISCRETE PULSED WRITE CURRENTS IN A DISC DRIVE**, for which I have executed an application for United States Letters Patent filed in the United States Patent and Trademark Office on December 22, 1999, the application being assigned United States Patent Application Serial No. 09/470,659; 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 Scotts Valley, California, 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, I 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, my 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 my 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 Patent or Inventor's Certificate 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 application, 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 me had this assignment not been made;

AND I covenant that I 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 I have the right to execute this instrument;

AND I hereby covenant and agree to keep Seagate Technology, Inc. advised of my current residence address, and I and my executors, administrators, 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. but without charge to Seagate Technology, Inc., its successors and assigns.

I 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.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale.

Date: 2/18/00 Housan Dakroub
Housan Dakroub, ASSIGNOR

STATE OF OKLAHOMA)
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COUNTY OF CANADIAN) ss.

The instrument was acknowledged before me, a Notary Public, on this 18th day of February, 2000 by Housan Dakroub.
(Month)

Stephanie A. Marshall
Notary Public

My Commission Expires:
10-19-02