

PATENT RECORD COVER

07-16-2003



Attorney Docket No. S01.12-0970/STL 11065.00

To the Honorable Director attached original document or copy thereof. 102498231

and Trademark Office: Please record

1. Name of conveying party(ies): (1) Patrick Joseph Ryan (2) Song Sheng Xue 6-30-03

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

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

Name: Seagate Technology LLC

Internal Address:

Street Address: 920 Disc Drive

City Scotts Valley State CA ZIP 95066

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of Conveyance:

- [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution Date: 1) June 27, 2003; and 2) June 25, 2003

4A. Application No. (s) 10610165

If this document is being filed together with a new application, the execution date(s) of the application is: 1) June 26, 2003; and 2) June 25, 2003

Additional numbers attached? [] Yes [X] No

4B. Patent No. (s)

Additional numbers attached? [] Yes [] No

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

Name: John Veldhuis-Kroeze Street Address: Westman, Champlin & Kelly, P.A Suite 1600 International Centre 900 Second Avenue South City: Minneapolis State: MN ZIP 55402

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

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

8. Method of Payment

- [X] Enclosed [X] The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.

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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.

John Veldhuis-Kroeze Name of Person Signing

Signature

6-30-03 Date

Total number of pages submitted: [3]

19587 U.S. 10/610168 06/30/03

ASSIGNMENT

Attorney Docket No. : S01.12-0970
Seagate Docket No. : STL 11065.00

WHEREAS, we Patrick Joseph Ryan of 1249 Scheffer Avenue, St. Paul, Minnesota 55116, U.S.A., and Song Sheng Xue of 7320 Gallagher Drive, Apt. #204 Edina, Minnesota 55435, U.S.A. are the inventor(s) of an invention entitled METHOD AND APPARATUS FOR PREVENTING ESD AND EOS DAMAGE IN MANUFACTURING MAGNETORESISTIVE EFFECT READ HEADS that is the subject matter of: (check all that apply)

- Checkboxes for provisional application, application for Letters Patent, and international application for Letters Patent.

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, we transfer to Assignee, its successors and assigns, 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 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.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. 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.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, 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.

Signature of Patrick Joseph Ryan, Inventor

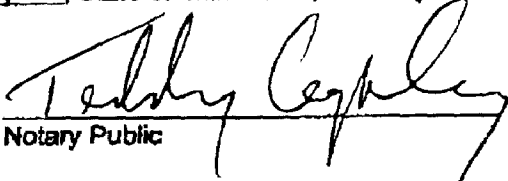
Subscribed and sworn to before me at County of HENNEPIN State of Minnesota, a Notary Public, this 27th day of JUNE, 2003.

Signature of Notary Public




Song Sheng Xue (Inventor)

Subscribed and sworn to before me at County of HENNEPIN, State of Minnesota, a Notary Public, this 25~~th~~ day of JUNE, 2003.


Notary Public

