

05-31-2005

PATENT RE

5/24/05 CO



103011557

Attorney Docket No.: 169.12-0637 -- inv

To the Commissioner for Patents: Mail Stop Assignment Recordation Services - Please record the attached copy thereof.

1. Name of conveying party(ies):

- (1) Brian W. Karr
(2) Eric S. Linville
(3) Paul E. Anderson

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger ☐ Security Agreement
☐ Change of Name ☐ Other _____

Execution Date: March 16, 2005; March 21, 2005; March 21, 2005

4A. Application No.(s)

If this document is being filed together with a new application, the execution date(s) of the application is: March 16, 2005; March 21, 2005; March 21, 2005

Additional numbers attached? ☐ Yes ☒ No

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

Name: Alan M. Koenck
Street Address: Kinney & Lange, P.A.,
312 South Third Street
City: Minneapolis State: MN ZIP 55415-1002

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

Name: Seagate Technology LLC

Internal Address: _____

Street Address: 920 Disc DriveCity: Scotts Valley, State: CA ZIP 95066Additional name(s) & address(es) attached? ☐ Yes ☒ No

4B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00

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.

Alan M. Koenck

May 24, 2005

Date

Total number of pages including cover sheet, attachments and document: [5]

05/27/2005 ECOOPER 00000159 11136282

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40.00 DP

PATENT
REEL: 016599 FRAME: 0345

ASSIGNMENT

Attorney Docket No. : 169.12-0637

Seagate Docket No. : 12100.00

WHEREAS, we Janusz J. Nowak, 143 East Lake Blvd., Apt. B, Mahopac, NY 10541, U.S.A.; Brian W. Karr, 5237 145th Street West, Savage, MN 55378, U.S.A.; David H. Olson, 1787 W. Minnehaha Avenue, St. Paul, MN 55107, U.S.A.; Eric S. Linville, 280 Hidden Ln., Chanhassen, MN 55317, U.S.A.; and Paul E. Anderson, 6850 Kingston Drive, Eden Prairie, MN 55346, U.S.A., are the inventor(s) of an invention entitled SPIN TRANSISTOR WITH ULTRA-LOW ENERGY BASE-COLLECTOR BARRIER that is the subject matter of: (Check all that apply)

- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. ☐ filed on ☐;
- ☒ an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. ☐ filed on ☐; and
- ☐ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. ☐ filed on ☐; and

WHEREAS, Seagate Technology LLC, a Delaware limited liability corporation 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 200__.

Janusz J. Nowak

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of _____, 200__, before me personally appeared _____ to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of March, 2005.

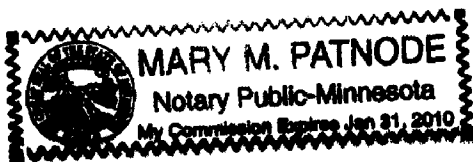
Brian W. Karr
Brian W. Karr

STATE OF Minnesota)
)ss.
COUNTY OF Hennepin)

On this 16th day of March, 2005, before me personally appeared Brian Karr to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

[SEAL]

Mary M. Patnode
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 200__.

David H. Olson

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of _____, 200__, before me personally appeared _____ to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

[SEAL]

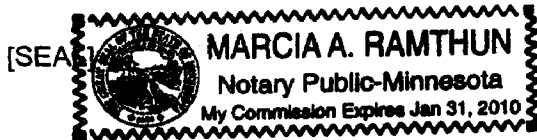
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of march, 2005.

Eric S. Linville
Eric S. Linville

STATE OF MINNESOTA)
)ss.
COUNTY OF DAKOTA)

On this 21 day of MARCH, 2005, before me personally appeared ERIC S. LINVILLE to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.



Marcia A. Ramthun
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of March, 2005.

Paul E. Anderson
Paul E. Anderson

STATE OF Minnesota

COUNTY OF Hennepin) ss.

On this 21st day of March, 2005, before me personally appeared Paul Anderson to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

Mary M. Patnode
Notary Public

[SEAL]

