PAT

10-07-2002

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Attorney Docket No.: 169.12-0541 -- kmm

To the Commissioner for Patents: Please record the attached original document or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): (1) Alexander Mikhailovich Shukh (2) Vladyslav Alexandrovich Vaśko Name: Seagate Technology LLC (3) Declan Macken Internal Address: ___ Additional name(s) of conveying party(ies) attached? [] Yes [X] No Street Address: 920 Disc Drive 3. Nature of Conveyance: City: Scotts Valley, State: CA ZIP 95066 [] Security Agreement [X] Assignment [] Merger [] Change of Name [] Other ____ Execution Date: September 27, 2002 Additional name(s) & address(es) attached? [] Yes 4B. Patent No.(s) 4A. Application No.(s) Additional numbers attached? [] Yes [X] No If this document is being filed together with a new application, the execution date(s) of the application is: September 27, 2002 Additional numbers attached? [] Yes [X] No 6. Total number of applications and patents 5. Name and address of party to whom correspondence concerning document should be mailed: involved; [1] Name: Mai-Tram D. Lauer Street Address: Kinney & Lange, P.A., 7. Total fee (37 C.F.R. 3.41):.....\$ 40.00 312 South Third Street City: Minneapolis State: MN ZIP 55415-1002 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. Mai. Inm D Jane September 27, 2002 Mai-Tram D. Lauer Total number of pages including cover sheet, attachments and document: [3]

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> PATENT REEL: 013347 FRAME: 0400

ASSIGNMENT

Attorney Docket No.: 169.12-0541 Seagate Docket No.: STL 10865.00

WHEREAS, we Alexander Mikhailovich Shukh, 13461 Foxberry Road, Savage, MN 55378, USA; Vladyslav Alexandrovich Vas'ko, 2329 South 9th Street, Apt. 207, Minneapolis, MN 55406, USA; and Declan Macken, 14572 Rosewood Road, Prior Lake, MN 55372, USA are the inventor(s) of an invention entitled PERPENDICULAR WRITER WITH MAGNETICALLY SOFT AND STABLE HIGH MAGNETIC MOMENT MAIN POLE 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 :
- X 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 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.

Alexander Mikhailovich Shukh (Inventor)

Subscribed and sworn to before me in the , a Notary Public, this 21 day of 3 and 4 are 4

Notary Public

(SEAL) BARRAN BA MARCIA A. RAMTHUN MARCIA A. RAMTHUN
NOTAR PUBLIC-MINNESOTA
MY COMMISSION EXPIRES 1-31-2005 ······

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PATENT

REEL: 013347 FRAME: 0401

ASSIGNMENT

Attorney Docket No.: 169.12-0541 Seagate Docket No.: STL 10865.00



(SEAL)

Vladyslav Alexandrovich Vas'ko (Inventor)

Subscribed and sworn to before me in the , a Notary Public, this 27 day of Soptember , 2002.

Notary Public

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Declan Macken (Inventor)

Subscribed and sworn to before me in the , a Notary Public, this 27 day of 1002.

Notary Public

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PATENT REEL: 013347 FRAME: 0402