

03-02-2004

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102682013

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

1. Name of conveying party(ies): **2-19-04**
 Sundeep Chauhan Christopher J. Formato
 Lawrence M. Bryant
 David S. Kuo
 Neil Deeman
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Seagate Technology LLC
 Internal Address: Intellectual Property Dept.
 Street Address: 920 Disc Drive, SV15 B1
 City: Scotts Valley State: CA Zip: 95066
 Additional name(s) & address(es) attached? Yes No

22887 U.S. PTO
10783263

021904

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 December 10, 2003, December 15, 2003
 January 7, 2004
 Execution Date: _____

4. Application number(s) or patent number(s): **10783263**
 If this document is being filed together with a new application, the execution date of the application is: **2/19/04**
 A. Patent Application No.(s) _____
 B. Patent No.(s) _____
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Raghunath S. Minisandram
 Internal Address: Intellectual Property Dept.
 Street Address: 920 Disc Drive, SV15 B1
 City: Scotts Valley State: CA Zip: 95066

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:
 19-1036

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9. Signature.
 Raghunath S. Minisandram, Reg. No. 38,683 *Raghunath S. Minisandram* 2/19/04
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: **13**

03/01/2004 ECDOPER 00000048 191036 10783263

Documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

01 FC:0021 40.00 DA

PATENT
REEL: 015012 FRAME: 0812

ASSIGNMENT

Attorney Docket No. :

Seagate Docket No. :

STL3462

WHEREAS, We, **Sundeep Chauhan, (citizenship – India), Lawrence M. Bryant, (citizenship – USA), David S. Kuo (citizenship – USA), Neil Deeman, (citizenship – UK), and Christopher J. Formato, (citizenship – USA),** are the inventors of an invention entitled **METHOD AND APPARATUS FOR CONSTANT LINEAR VELOCITY ELECTRON BEAM SUBSTRATE PROCESSING** and are 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 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, I/we transfer to Assignee, its successors and assigns, my/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 I/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.

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

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

for reasonable consideration JB

ASSIGNMENT

Attorney Docket No. :

Seagate Docket No. :

STL3462

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

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

Assignment

Docket No.: STL3462

Inventors: Sundeep Chauhan, Lawrence M. Bryant, David S. Kuo, Neil Deeman, and Christopher J. Formato

Page 3 of 3

David Kuo (Inventor)

State of _____)
) SS.
County of _____)

Subscribed and sworn to (or affirmed) before me this _____ day of _____ (month), _____ (year) by
_____ (name of signer).

Notary Public

(SEAL)

Neil Deeman (Inventor)

State of _____)
) SS.
County of _____)

Subscribed and sworn to (or affirmed) before me this _____ day of _____ (month), _____ (year) by
_____ (name of signer).

Notary Public

(SEAL)

ASSIGNMENT

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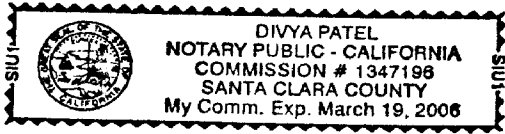
I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, 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.

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David S Kuo
David Kuo (Inventor)

State of California)
County of Alameda) SS.

Subscribed and sworn to (or affirmed) before me this 07TH day of January (month), 2004 (year) by David Kuo (name of signer).



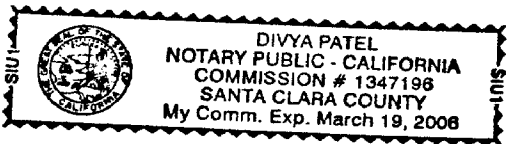
(SEAL)

D.P.
Notary Public

Neil Deeman
Neil Deeman (Inventor)

State of California)
County of Alameda) SS.

Subscribed and sworn to (or affirmed) before me this 07TH day of January (month), 2004 (year) by Neil Deeman (name of signer).



(SEAL)

D.P.
Notary Public

