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09-22-2003

Form PTO-1595

(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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102554621

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

WenXiang Xie
Xiong Liu
WeiLoon Ng

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

3. Nature of conveyance:

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

Execution Date: September 1, 2003

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 ☒ No

4. Application number(s) or patent number(s):

10659565

If this document is being filed together with a new application, the execution date of the application is: 9-10-03

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: Seagate Technology LLC

Internal Address: SHK2LG

Street Address: 1280 Disc Drive

City: Shakopee State: MN Zip: 55379

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:

19-1038

(Attach duplicate copy of this page if paying by deposit account)

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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.

Kirk A. Cesari

Name of Person Signing

[Signature]
Signature

9-8-2003
Date

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

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

PATENT
REEL: 014497 FRAME: 0381

ATTACHMENT FOR RECORDATION FORM COVER SHEET

PATENTS ONLY (Form PTO-1595)

1. Name of conveying party(ies):

ChoonKiat Lim

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No00746 U.S. PTO
10/659565

09/10/03

2. Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

☐ Yes ☐ No

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)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

ASSIGNMENT

Seagate Docket No. :STL11311

WHEREAS, I/we WenXiang Xie of Blk 640, #10-01 Choa Chu Kang Street 64, Singapore 680640, Xiong Liu of Blk 216 #08-293, Bukit Batok Street 21, Singapore 650216, and WeiLoon Ng of 14 Verde Crescent, Singapore 688369 and ChoonKiat Lim of 51 Hindhede Walk #06-12, Singapore 587975 are the inventor(s) of an invention entitled TRUE RANDOM NUMBER GENERATION 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 is identifiable in the United States Patent and Trademark Office by Application No. _____ filed on _____ and/or executed on even date herewith; 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/or executed on even date herewith:

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.



WenXiang Xie (Inventor)

Subscribed and sworn to before me at Singapore, a witness,
this 1 day of Sept., 2003.

HANG KHER LEE 

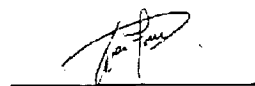
Witness


Xiong Liu (Inventor)

Subscribed and sworn to before me at Singapore, a witness,
this 1 day of Sept., 2003.

HUANG WEI 

Witness


WeiLoon Ng (Inventor)

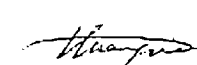
Subscribed and sworn to before me at Singapore, a witness,
this 1 day of Sept., 2003.

HANG KHER LEE 

Witness


ChoonKiat Lim (Inventor)

Subscribed and sworn to before me at Singapore, a witness,
this 1 day of Sept., 2003.

HUANG WEI 

Witness