

03-23-2004

Form PTO-1595

(Rev. 10/02)

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

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark OfficeU.S. PTO  
17302  
10/799510

031204

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

## 1. Name of conveying party(ies):

ChoonHoe Koh  
HengChang Guo  
WaiKay Chan

3-12-04

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

Name: Seagate Technology LLC

Internal Address: \_\_\_\_\_

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: 920 Disc DriveCity: Scotts Valley State: CA Zip: 95066Execution Date: March 11, 2004Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

18799510

If this document is being filed together with a new application, the execution date of the application is: 03/12/2004

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: David K. LucenteInternal Address: Seagate Technology LLCIntellectual Property - COL2LGLStreet Address: 389 Disc DriveCity: Longmont State: CO Zip: 805036. Total number of applications and patents involved: 17. 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.*
David K. Lucente  
 Name of Person Signing

David K. Lucente  
 Signature

3/12/04  
 Date
Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to:

*Filed together with a new patent application to:*  
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 P.O. Box 1450  
 Alexandria, VA 22313-1450

*Not filed with new patent application to:*  
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 Alexandria, VA 22313-1450

03/22/2004 ECOMPER 00000233 191038

40.00 DA 01 FC:0021

**PATENT**  
**REEL: 015159 FRAME: 0481**

**ATTACHMENT FOR RECORDATION FORM COVER SHEET**

**PATENTS ONLY (Form PTO-1595)**

**1. Name of conveying party(ies):**

JiaHong Shu

KianKeong Ooi

KianSoon Yeo

BengWee Quak

YuNang Zai

Koon Yaw Lucas Lee

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

☐ Yes ☒ No

**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: 03/12/04

**A. Patent Application No.(s)**

**B. Patent No.(s)**

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Additional numbers attached?

☐ Yes ☒ No

## ASSIGNMENT

Seagate Docket No.

STL11595

WHEREAS, I/we, ChoonHoe Koh of Block 28, #13-02 Choa Chu Kang Street 64, Singapore 689097, Singapore; HengChang Guo of Block 674, Hougang Avenue 8 #12-617, Singapore, 530674, Singapore; WaiKhay Chan of Block 895, #08-950, Tampines Street 81, Singapore, 520895, Singapore; JiaHong Shu of Blk 149, #07-64, Silat Ave, Singapore, 160149, Singapore; KianKeong Ooi of Blk 55, #03-01, Tampines Ave 1, Singapore, 529773, Singapore; KianSoon Yeo of Blk 713 Pasir Ris St 72, #08-41, Singapore, 510713, Singapore; BengWee Quak of 130, Lor L, Telok Kurau, Singapore, 425566, Singapore; YuNang Zai of Blk 324C, Sengkang East Way, #13-603, Singapore, 543324, Singapore; and Kong Yaw Lucas Lee of Blk 111, Bukit Purmer Road, #08-186, Singapore, 090111, Singapore are the inventor(s) of an invention entitled Sensing A Prior Head Position By A Motion Pattern 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.

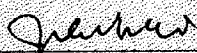
I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection,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

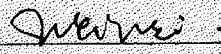

obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

  
ChoonHoe Koh(Inventor)

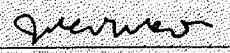
Subscribed and sworn to before me at Wei Wei, a witness, this 11 day of March, 2004.

  
Witness  
HengChang Guo  
HengChang Guo(Inventor)

Subscribed and sworn to before me at Wei Wei, a witness, this 11 day of March, 2004.

  
Witness  
  
WaiKhay Chan(Inventor)

Subscribed and sworn to before me at Wei Wei, a witness, this 11 day of March, 2004.

  
Witness  
  
JiaHong Shu(Inventor)

Subscribed and sworn to before me at \_\_\_\_\_, a witness, this \_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness



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.

\_\_\_\_\_  
ChoonHoe Koh(Inventor)

Subscribed and sworn to before me at \_\_\_\_\_, a witness, this \_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
HengChang Guo(Inventor)

Subscribed and sworn to before me at \_\_\_\_\_, a witness, this \_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
WaiKhay Chan(Inventor)

Subscribed and sworn to before me at \_\_\_\_\_, a witness, this \_\_\_\_ day  
of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Witness

Shu JiaHong  
\_\_\_\_\_  
JiaHong Shu(Inventor)

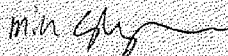
Subscribed and sworn to before me at Science Park, a witness, this 10 day  
of March, 2004.

Aili  
\_\_\_\_\_  
Witness

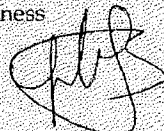


KianKeong Ooi(Inventor)

Subscribed and sworn to before me at Science park, a witness, this 10 day  
of May, 2004.

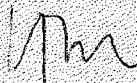


Witness



KianSoon Yeo(Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 10 day  
of March, 2004.



Witness



BengWee Quak(Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 10 day  
of March, 2004.

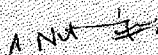


Witness



YuNang Zai(Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 10 day  
of March, 2004.



Witness

KYL 10-03-04  
Koon Yaw Lucas Lee(Inventor)

Subscribed and sworn to before me at Seance Park, a witness, this 10 day  
of March, 2004.

Zhou JIANGUO  
Witness

PATENT

RECORDED: 03/12/2004

REEL: 015159 FRAME: 0487