PATENT RECORDATION FORM
COVER SHEET

To the Honorable Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):
   (1) Nan Ling Goh
   (2) Ban Hok Goh
   (3) Utt Heng Kan
   (4) Kah Liang Gan

Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

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 [x] No

3. Nature of Conveyance:
   [x] Assignment [ ] Merger
   [ ] Security Agreement [ ] Change of Name [ ] Other

Execution Date: 8/8/00; 8/8/00; 8/21/00 & 8/21/00

4A. Application No.(s)
    09/553,073

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

Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Brian D. Kaul
   Street Address: Westman, Champlin & Kelly, P.A
   Suite 1600
   International Centre
   900 Second Avenue South
   City: Minneapolis State: MN ZIP: 55402

4B. Patent No.(s)

Additional numbers attached? [ ] Yes [x] No

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

7. Total fee (37 CFR 3.41): $ 40.00

8. Method of Payment
   [X] Enclosed
   [X] The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.

   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.

   Brian D. Kaul
   Name of Person Signing

   Signature

   7/8/00

   Date Total number of pages submitted: [3]

PATENT
REEL: 011092 FRAME: 0489
ASSIGNMENT

WHEREAS, we, Nan Ling Goh, Ban Fok Goh, Utt Heng Kan, and Kah Liang Gan, (hereinafter referred to as ASSIGNORS), having post office addresses of Blk 439, Choa Chu Kang Ave 4, #07-451, Singapore 680439; Blk 325 Tampines St. 33, #03-362, Singapore 520345; Blk 85, Casew Road, #03-04, Singapore 679656; 29, Sunrise, Singapore 806626, are the inventors of an invention entitled METHOD AND APPARATUS FOR CORRECTING DIGITAL ASYMMETRIC READ SIGNALS for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Serial No. 09/553,073, filed April 20, 2000; and

WHEREAS, Seagate Technology LLC, a corporation organized and existing under the laws of the State of Delaware, and having offices at 920 Disc Drive, Scotts Valley, California, 95066, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I 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.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute 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.

Name: ____________________________ Date ____________________________ 2000
(Nan Ling Goh)

Witness: ____________________________ Date ____________________________ 2000

Printed Name: ____________________________
Address: ____________________________ (City, State, Country)

(Signatures Continued on Next Page)
Name: (Ban Hok Goh)

(Witness)
Printed Name: 
Address: 

(City, State, Country)

Date ________, 2000

Name: (Utt Heng Kan)

(Witness)
Printed Name: 
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Date ________, 2000

Name: (Kah Liang Gan)

(Witness)
Printed Name: 
Address: 

(City, State, Country)

Date ________, 2000

Date ________, 2000

Date ________, 2000

Date ________, 2000

Date ________, 2000