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Address (line 4)

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**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT  
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**Number of Properties**

Enter the total number of properties involved. # 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
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**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. Charges to deposit account are authorized, as indicated herein.

Nancy R. Simon Reg. 36,930

Name of Person Signing

*Nancy R. Simon*  
Signature

November 29, 2000

Date

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Month Day Year

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Name (line 2)

Address (line 1)

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09/26/95  
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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

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## ASSIGNMENT

WHEREAS, Karl A. Belser, Li-Ping Wang, and Terry W. McDaniel, have invented certain new and useful improvements in a METHOD AND SYSTEM FOR UTILIZING CIRCULAR MARKS IN POSITION ERROR SIGNAL PATTERNS and have executed concurrently herewith a Declaration for a United States Patent Application on the invention; and

Whereas, Seagate Technology LLC, a corporation of the State of Delaware, having a place of business at 920 Disc Drive, Scotts Valley, CA 95066, State of California, (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to me in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said Seagate Technology LLC, and said Assignee's legal representatives, successors and assigns, the entire right, title and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms of this assignment.

I hereby authorize the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, I convey to said Assignee that right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and I do hereby covenant and agree with the said Assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee on the date set forth below.

Dated: 11/28/00

Karl A. Belser  
Karl A. Belser

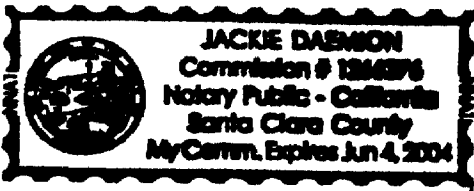
State of California }

County of Santa Clara }

On this 28<sup>th</sup> day of November, in the year 2000, before me, Jackie Daemion Notary Public of the State of California in the County of Santa Clara, personally appeared KARL A. BELSER, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal,

Signature Jackie Daemion



(Seal)

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee on the date set forth below.

Dated: 11/22/2000

Li-Ping Wang  
Li-Ping Wang

State of California }

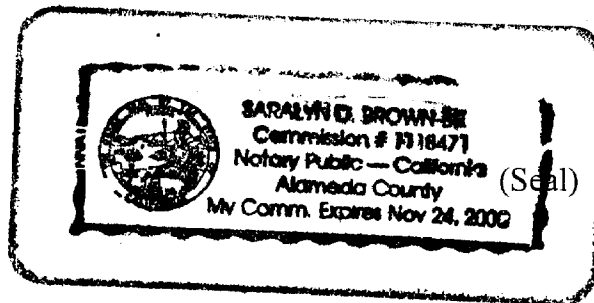
County of Santa Clara }

On this 22<sup>nd</sup> day of November, in the year 2000, before me, Saralyn D. Brun-Bell Notary Public of the State of California in the County of Alameda, personally appeared LI-PING WANG, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal,

Signature

Sarah D. Brown-Bell



IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee on the date set forth below.

Dated: Nov. 20, 2000

Terry W. McDaniel  
Terry W. McDaniel

State of California }

County of Santa Clara }

On this 20 day of November, in the year 2000, before me, Kian Kawar, Notary Public of the State of California in the County of Santa Clara, personally appeared TERRY W. MCDANIEL, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal,

Signature

Kian Kawar

