Express Mail Receipt No. EJ823476829US Deposited on November 29, 1999

Attorney Dkt. 22181 Form PTO-1595

PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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1. Name of conveying party(ies):	 Name and address of receiving party(ies) Name: <u>Seagate Technology, Inc.</u>
Evert S. Cooper and Randall D. Hampshire	
Additional name(s) of conveying party(ies) attached? □ Yes 🗷 No	Internal Address:
3. Nature of conveyance:	Street Address: 920 Disc Drive City: Scotts Valley State: CA ZIP: 95067
If this document is being filed together with a new applicat	
5. Name and address of party to whom correspondence concerning document should	B. Patent No.(s) ached? □ Yes No 6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No.(s) ached? □ Yes ■ No 6. Total number of applications and patents
Additional numbers att 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Bill D. McCarthy Internal Address:	B. Patent No.(s) ached? □ Yes ■ No 6. Total number of applications and patents involved:
Additional numbers att 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Bill D. McCarthy Internal Address:	B. Patent No.(s) ached? □ Yes ■ No 6. Total number of applications and patents involved:
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PATENT REEL: 010431 FRAME: 0725 Serial Number: 09/052,896 Filed: March 31, 1998

EXPRESS MAIL RECEIPT NO.: EJ823476829US (Joint) SEAGATE

Docket No. **22181** SEA **8629**

ASSIGNMENT

WHEREAS, we Evert Steen Cooper and Randall David Hampshire, are the joint inventors of an invention in MODELING POSITION ERROR NONLINEARITY TO IMPROVE SERVO PERFORMANCE, for which we have executed an application for United States Letters Patent; and

WHEREAS, Seagate Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having a place of business at Scotts Valley, California, is desirous of acquiring the entire right, title and interest in and to said application and said invention, as well as any and all applications for Letters Patents and Inventor's Certificates which may be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such application.

NOW, THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto Seagate Technology, Inc., its successors and assigns, our entire right, title and interest in, to and under said invention and said application, and any and all Letters Patents which may be granted for said invention and/or on said application, including all extensions, continuations, divisions and reissues thereof, and our right of priority under the International Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and any other convention, treaty or reciprocal agreement to which the United States is a party concerning priority in inventions, patents, designs, inventor's certificates, industrial property or industrial models, and any and all applications for Letters Patent or Inventor's Certificate which has heretofore or may hereafter be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such application, including all extensions, continuations, divisions, reissues and renewals thereof; the same to be held and enjoyed by Seagate Technology, Inc. for its own use and behoof and for the use and behoof of its successors and assigns as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made;

AND we covenant that we have not and will not execute any instrument or take any action contrary to this assignment, nor encumber the title of Seagate Technology, Inc., in, to and under said invention, applications, Letters Patents and Inventor's Certificates, and that we have the right to execute this instrument;

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PATENT REEL: 010431 FRAME: 0726

AND we, and each of us, hereby covenant and agree to keep Seagate Technology, Inc. advised of our current residence addresses, and we, and each of us, or our executors. administrators, representatives or assigns, will execute all papers, make all rightful oaths, and do all acts deemed by Seagate Technology, Inc., its successors and assigns, necessary or desirable in any proceeding concerning any of said applications or Letters Patents or Inventor's Certificates, including, but not limited to, proceedings for the procurement or enforcement of Letters Patents for said invention, or for the reissue, renewal or extension thereof, at the expense of Seagate Technology, Inc. but without charge to Seagate Technology, Inc., its successors and assigns.

We hereby request the Commissioner of Patents of the United States, and any official of any country foreign to the United States whose duty is to issue Letters Patents or Inventor's Certificates on applications as aforesaid, to issue Letters Patents or Inventor's Certificates to Seagate Technology, Inc. or its designee in accordance with this instrument.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale.

Date: 1/101/28, 1998	Just les Cop-
•	Evert Steen Cooper, ASSIGNOR

Date: March 27,/998	KUD. Il Jai
, ,	Randall David Hampshire, ASSIGNOR

STATE OF California)	.00
COUNTY OF SantaClara)	55.

On this 27-4 pay of March 1918 before	e me, Cinca L. Meister, notary public,
personally appeared <u>Evert Steer</u>	Cooper, , D personally known to

me - OR - Proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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	CINDA L MESSER Commission # 1108227 Notary Public — California Santo Clora County
	My Comm. Expires Aug 11, 2000

WITNESS my hand and official seal.

Cinca & Meister

STATE OF OKLAHOMA)	
COUNTY OF <u>CANADIAN</u>) ss.)	
This instrument was acknowledged before, 1998 by Randall David Hamps	ore me, a Notary Public, on this dayshire.	ay of
Notary Pul	ıblic	
My Commission Expires:		

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RECORDED: 11/30/1999

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