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	3.46444		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	To the Honorable Commissioner of Patents		
	1. Name of conveying party(des):	2. Name and address of receiving party(ies): SEAGATE TECHNOLOGY, INC.	
	John J. Jerman; John D. Grade		
	Additional name(s) of conveying party(ies) attached? [] Yes [X] No	920 Disc Drive Scotts Valley, CA 95066	
	<pre>3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: July 22, 1998 4. Application number(s) or patent number(s)</pre>	Additional name(s) & address(es) [} Yes [X] No	attached?
	If this document is being filed together with a new application, the execution date of the application is:		
	E = Patert Application No.(s)	B. Patent No.(s)	
	09/107,221 filed 06/30/98		
	Additional numbers attached? [] Yes [X] No		
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applica	ations [1]
	Name	7. Total fee (37 CFR 3.41):\$ 40.00	
	Internal Address: <u>FLEHR HOHBACH TEST</u> <u>ALBRITTON & HERBERT LLP</u>	[] Enclosed [] Authorized to be cl deposit account	
	Street Address: <u>SUITE 3400</u> FOUR EMBARCADERO CENTER City: <u>SAN FRANCISCO</u>	 Deposit account number Please debit any underpayment overpayment to the above dep Our Order No. 	t or credit any osit account.
	State: <u>CA</u> Zip: <u>94111-4187</u>	(Attach duplicate of this page : account)	
	DO NOT USE THIS SPACE		
	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.		
	R. Michael AnanianNetford (mannin)July 27, 1998Name of Person SigningSignatureDateTotal number of pages including cover sheet, attachments and document: [3]		
	OMB No. 0651-0011 (exp. 4/94)		
	Do not detach this portion		
	Mail documents to be recorded with required cover sheet information to:		
	Commissioner of Patents and Trademarks, Box Assignments Washington, DC 20231		
	File Nc. <u>A-66150/JAS/RMA</u>	PATEN REEL: 9358 FRAN	

ASSIGNMENT

WHEREAS WE, JOHN H. JERMAN, residing at 3056 Ramona Street, Palo Alto, California 94306; and JOHN D. GRADE, residing at 400 Ortega Avenue #217, Mountain View, California 94040; have invented certain new and useful improvements in *STRUCTURE FOR MICRO-MACHINE OPTICAL TOOLING AND METHOD FOR MAKING AND USING*, for which invention we have executed an application for Letters Patent of the United States.

Whereas, Seagate Technology, Inc. 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 therefore;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold assigned, and set over and by these presents do hereby sell, assign, and set over unto the said Seagate Technology, Inc. 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 we 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.

We 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, we convey to said assignee the 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 we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we 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 Inventors have executed and delivered this instrument to said Assignee this

(1)22ndday of July____, 1998.

(2) <u>22nd</u>ay of <u>July</u>, 1998, respectively.

(1) John H. Jerman

State of California)) ss. County of <u>Santa Clara</u>)

On this22nd day of <u>July</u>, in the year <u>1998</u>, before me, <u>Virginia Silva</u>, Notary Public of the State of California in the County of <u>Santa Clara</u> personally appeared (1) John H. Jerman, 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



 State of California
)

) ss.
)

 County of Santa Clara
)

On this 22ndday of <u>July</u>, in the year 1998, before me, <u>Virginia Silva</u>, Notary Public of the State of California in the County of <u>Santa Clara</u>, personally appeared (2) John D. Grade, 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 Vinyuun Allen

VIRGINIA SILVA Commission # 1185391 Notary Public - California Santa Clara County Comm. Expires May 30, 2002

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RECORDED: 07/30/1998