11-23	-1999	
FORM PTO-1595 RE	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Itauculation copy thereof.	72114 As. Flease record the attached original documents or	
<pre>1. Name of conveying party(ies):</pre>	Name and address of receiving party(ies):	
JOHN H. JERMAN; JOHN D. GRADE		
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	SEAGATE TECHNOLOGY, INC. 920 Disc Drive Scotts Valley, CA 95066	
3. Nature of Conveyance:		
[X] Assignment [] Merger		
[] Security Agreement [] Change of Name		
[] Other	Additional name(s) & address(es) attached?	
Execution Date: July 22, 1999	[] Yes [X] No 	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new a	oplication, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
09/107,221 iled 06/30/98		
/ Additional numbers atta	l ached? []Yes [X]No	
<u> </u>		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: -1-	
To: R. Michael Ananian FLEHR HOHBACH TEST ALBRITTON & HERBERT LLP 4 Embarcadero Center #3400 San Francisco, CA 94111	<pre>7. Total fee (37 CFR 3.41):\$_40.00 [X] Previously paid [] Enclosed [] Authorized to be charged to</pre>	
	8. Deposit account number: 06-1300 Please debit any underpayment or credit any overpayment to the above deposit account.	
	Our Order No06-1300 (Attach duplicate of this page if paying by deposit account)	
DO NOT US	E THIS SPACE CHANGE 4	
9. Statement and signature.		
5 5 5		
OMB No. 0651-0011 (exp. 4/94)		
	b this portion	
	cover sheet information to:	
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments		
	n, DC 20231	

PATENT REEL: 010242 FRAME: 0307

	A TREN OR	07-1998	
O D	FORM PTO-1595 JUL 3 () 1998 () 1-31-92 ()	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
0~	To the Honorable Commissioner of Patents 100788506 copy thereof.		
MRD 7-30	<pre>1. Name of conveying party(ies): John J. Jerman; John D. Grade Additional name(s) of conveying party(ies) attached? [] Yes [X] No</pre>	 Name and address of receiving party(ies): SEAGATE TECHNOLOGY, INC. 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</pre>	Additional name(s) & address(es) attached?	
	4. Application number(s) or patent number(s):If this document is being filed together with a new apA. Patent Application No.(s)	pplication, the execution date of the application is:_ B. Patent No.(s)	
	09/107,221 filed 06/30/98 Additional numbers attached? [] Yes [X] No		
	 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications [1]	
	Name: Internal Address: <u>FLEHR HOHBACH TEST</u> ALBRITTON & HERBERT LLP	<pre>7. Total fee (37 CFR 3.41):\$ 40.00 [] Enclosed [] Authorized to be charged to</pre>	
Ŧ	Street Address: SUITE 3400	8. Deposit account number: 06-1300 Please debit any underpayment or credit any overpayment to the above deposit account. Our Order No	
â	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 Ananian <u>K. Muhan (manuan</u> July 27, 1998 Name of Person Signing Signature Date Total 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 No. <u>A-66150/JAS/RMA</u> Rev. 8/93 (39611)		

PATENT REEL: 010242 FRAME: 0308

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.

113953

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee this

(1) 22ndday of <u>July</u>, 1998,

(2) 22ndday of _____, 1998, respectively.

John H. Jerman

State of California)	
) ss.	
County of _	Santa Clara)	

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.

iotary Public - California Santa Clara County My Comm. Excites May 30, 2002 Signature _ (Seal) State of California) ss.

County of <u>Santa Clara</u>

On this 22ndday 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 (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 Nymin Lika



VIRGINIA SILVA

Commission # 1185391

A-66150/JAS/RMA

-2-

113953

PATENT REEL: 010242 FRAME: 0310

RECORDED: 07/12/1999