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Attorney Docket No.: 169.12-0527 -- ks

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To the Commissioner for Patents: Please record the attached original document or copy thereof.				
1. Name of conveying party(ies): (1) Mohamed Salah H. Khlif (2) Gordon M. Jones (3) Paul E. Gallup	2. Name and address of receiving party(ies): Name: Seagate Technology LLC			
(4) Ruperta T. Ramdular (for Summa P. Ramdular, deceased)	Internal Address:			
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Street Address: 920 Disc Drive			
3. Nature of Conveyance:	City: Scotts Valley, State: California ZIP 95066			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other				
Execution Date: February 21, 2002 and February 28, 2002	Additional name(s) & address(es) attached? [] Yes [X] No			
4A. Application No.(s)	4B. Patent No.(s)			
If this document is being filed together with a new application, the execution date(s) of the application is: <u>February 21, 2002 and February 28, 2002</u>	Additional numbers attached? [] Yes [] No			
Additional numbers attached? [] Yes [X] No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]			
Name: <u>David R. Fairbairn</u> Street Address: <u>Kinney & Lange, P.A.,</u> 312 South Third Street City: <u>Minneapolis</u> State: <u>MN</u> ZIP 55415-1002	7. Total fee (37 C.F.R. 3.41):\$ 40.00			
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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.				
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David R. Fairbairn Date Total number of pages including cover sheet, attachments and document: [3]				

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PATENT REEL: 012728 FRAME: 0551

ASSIGNMENT

Attorney Docket No.: 169.12-0527 Seagate Docket No.: STL10398.00

WHEREAS, we Mohamed Salah H. Khlif of 1572 68th Avenue North East, Fridley, Minnesota 55432, USA, Gordon M. Jones of 1393 Camelback Drive, Eagan, Minnesota 55123, USA, Paul E. Gallup of 4565 Oregon Avenue North, New Hope, Minnesota 55428, USA, and Jumna P. Ramdular of 9002 Vickors Crossing, Brooklyn Park, Minnesota 55443, USA are the inventor(s) of an invention entitled <u>LASER-ASSISTED</u> SLICING OF NOTCHED WAFER that is the subject matter of: (Check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _ filed on _;
- X an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ;and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No., filed on; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further 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 and appoint Assignee the common representative in the above identified international application and any international application for the invention.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, cur executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives 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, including without limitation providing testimony in any related interference, litigation or proceeding.

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		Mohamed Salal	h H. Khlif (Inventor)
Subscribed and sworn to a Notary Public, this 2/3	before me in the County of day of February	Hennegen , 200 Z	, State of Minnesota,
(SEAL)	CELLA M. MARKUSON SALEY PUBLIC - MINNESOTA SAL	Marcell Notary Public	m. markus
		Gordon M. Jone	es (Inventor)
Subscribed and sworn to a Notary Public, this 2/5	before me in the County of day of Fakwuary		, State of Minnesota,
(SEAL)	RCELLA M. MARKUSON TARY PUBLIC - MINNESOTA DAKOTA COUNTY Comm. Expires Jan. 31, 2005	Mareell Notary Public	a he. marken
		Paul E. Gallup (Halley (Inventor)
Subscribed and sworn to a Notary Public, this 215	before me in the County of day of February	Hennepin _, 200 d	, State of Minnesota,
(SEAL)	RCELLA M.	Murcel Notary Public	la de. Markeur
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Subscribed and sworn to a Notary Public, this 281	before me in the County of day of <u>February</u>	, 200_2	, State of Minnesota,
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