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SHEET OFFICE OF Firm to OTCORDS

2004 July 23 AN 9: 15

To: Honorable Commissioner of Patents and Trademarks:

FINANCE CECTION

	Please record the attached original document or copy thereof.			
1.	Names of conveying parties: a) Bo Liu b) Zhimin Yuan			
2.	Name and address of receiving party: a) Name: Agency for Science, Technology and Research b) Address: 20 Biopolis Way, #07-01 Centros Singapore 138668			
3.	Nature of conveyance Assignment			
	Execution Date: December 30, 2003			
4.	Application Number: 10/651,636 The title of the application is: METHOD AND IMPLEMENTATION OF IN-SITU ABSOLUTE HEAD MEDIUM SPACING MEASUREMENT			
5.	Please send all correspondence concerning this document to:			
	Peter B. Martine MARTINE & PENILLA, LLP 710 Lakeway Drive, Suite 170 Sunnyvale, CA 94085 Tel. No. (408) 749-6900 Fax No.: (408) 749-6901 Customer No. 25920			
6.	Total number of applications and patents involved: 1			
7.	Total fee (37 CFR 3.41): \$40.00			
	Enclosed Any deficiency is authorized to be charged to Deposit Account No. 50-0805 (Order No. AGSGP009)			
8.	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.			
Date:	January 20, 2004 Peter B. Martine Registration No. 32,043			
MUELLER 00000121 10651636				
	40.00 OP			
Attorne	y Docket No. AGSGP009 (Revised	01/96)		

PATENT REEL: 014911 FRAME: 0324

ASSIGNMENT

WHEREAS, we, LIU Bo and YUAN Zhimin have invented <u>METHOD AND IMPLMENTATION OF IN-SITU ABSOLUTE HEAD MEDIUM SPACING MEASUREMENT</u> for which application for a patent is filed in the United States;

AND WHEREAS, Agency for Science, Technology and Research, whose full post office address is <u>20 Biopolis Way</u>, #07-01 Centros, Singapore 138668, is desirous of acquiring an interest therein:

AND WHEREAS, the serial number and filing date of the U.S. application, was assigned, as the following:

Serial No.: 10/651,636 Filing Date: 08/29/2003

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, LIU Bo and YUAN Zhimin by these presents do sell, assign and transfer, and do hereby confirm the sale, assignment and transfer, unto Agency for Science, Technology And Research the full and exclusive right for the United States of America and all other countries foreign thereto, in and to the said invention, as described in the said application, the declaration for which is being signed concurrently herewith; said invention, said application, any other applications for Letters Patent for said invention, and all Letters Patent issuing from such applications, to be held and enjoyed by the said Agency for Science, Technology And Research, for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We, LIU Bo and YUAN Zhimin, undertake to sign such further documents to effect the aforesaid sale, transfer and assignment as may be required from time to time, without reimbursement, but at the expense of Agency for Science, Technology And Research.

The serial number and filing date of the said application not yet having been assigned, we, LIU Bo and YUAN Zhimin, hereby authorize the entry of the serial number and filing date in the recitations of this assignment for the purposes of identification.

WITNESS my hand at _______, this ______, this ______, day of ______, 2003.

LIU Bo

PATENT REEL: 014911 FRAME: 0325 - Page 2 -

RECORDED: 01/23/2004

WITNESS my hand at _	DSI, Singapore, thi	is
	ML	
	VIIAN Zhi	min

PATENT REEL: 014911 FRAME: 0326