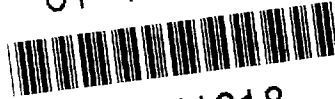


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2 SHEET

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Kalahasthi Chenchu Indukumar and Lei Bi Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Data Storage Institute DSI Building 5 Engineering Drive 1 (Off Kent Ridge Crescent, NUS) Singapore 117608 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: May 30, 2001	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: JAN - 4 2002 A. Patent Application No(s): 09/941,106 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: Y. ROCKY TSAO Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Y. Rocky Tsao Reg. No. 34,053 Name of Person Signing Signature: <i>Y. Rocky Tsao</i> Date: 10-29-01 Total number of pages including coversheet, attachments and document: 3	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

October 29, 2001
Date of Deposit
Nicole M. Saturno
Signature
Nicole M. Saturno
Typed Name of Person Signing Certificate

PATENT
REEL: 012434 FRAME: 0047

ASSIGNMENT

For valuable consideration, we KALAHASTHI CHENCHU INDUKUMAR of Block 523, #11-707 Bukit Batok St 52, Singapore 650523 and BI LEI of Block 419, Bukit Batok West Ave 2, #08-229, Singapore 650419, hereby assign to: Data Storage Institute, a public company limited by guaranteed, having a place of business at: DSI Building, 5 Engineering Drive 1 (Off Kent Ridge Crescent, NUS), Singapore 117608; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled A DATA PROCESSING APPARATUS AND METHOD FOR D=2 OPTICAL CHANNELS, filed 08/28/01, and assigned U.S. Serial Number 09/941,106, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1) Signature: K.C. Indukumar Date: 30 May 2001
Typed Name: Kalahasthi Chenchu Indukumar

Witness Signature: [Signature] Date: 30 May 2001
Witness Name: George Mathew

2)

Signature: _____

Typed Name: Lei/B

Date: 30 May 2001

Witness Signature: _____

Witness Name: _____

Date: May 30, 2001

George Mathew

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