Attorney Docket No.: 99113201(US)US MCRO 11-01-1999 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) 101188962 To the Honorable Commi original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Discovision Associates Micropolis (S) Limited Internal Address: P.O. Box 19616 Additional name(s) of conveying party(ies) attached?

Yes

No Irvine, CA 92623 3. Nature of conveyance: Merger Street Address: 2355 Main Street, Suite 200 ☐ Change of Name ☐ Security Agreement City: Irvine, ZIP: 92614 State: CA Other Additional name(s) and address(es) attached? ☐ Yes ⋈ No Execution Date: August 27, 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:_ A. Patent Application No.(s) B. Patent No.(s) 5,414,577 Additional numbers attached? ☐ Yes Ø No 5. Name and address of party to whom correspondence concerning 6. Total number of patents involved: [1] document should be mailed: Name: Donald Bollella 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Internal Address: Discovision Associates Authorized to be charged to deposit account P.O. Box 19616 Street Address: 8. Deposit Account Number: 04-1175 State: CA ZIP: 92623 City: Irvine DO NOT USE THIS SPACE

> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Total number of pages including cover sheet, attachments and document:

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To the best of my knowledge and belief, the foregoing information is true and correct and any

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Donald L. Wenskay Name of Person Signing

attached copy is a true copy of the original document.

9. Statement and signature.

PATENT

REEL: 010340 FRAME: 0096

ASSIGNMENT

Effective as of August 27, 1999, Micropolis (S) Limited, a Singapore corporation in creditors' voluntary liquidation ("MSL"), acting by Kon Yin Tong as representing the liquidators for MSL ("Liquidator"), hereby assigns, transfers and conveys to Discovision Associates, a California general partnership ("DVA"), the entire right, title and interest in and to the United States and foreign patents and patent applications listed on Exhibit A, attached hereto and made a part hereof, any and all patents and patent applications, otherwise owned by MSL, any and all extensions, renewals, provisionals, divisionals, continuations, continuations-in-parts, reissues and reexaminations thereof, all proceeds therefor (including but not limited to, all license royalties and proceeds of infringement suits), all United States and foreign letters patents which may be granted on the patent applications hereby assigned or any corresponding applications in a country foreign to the United States, and all reissues or extensions thereof, and in and to any and all causes of action for past, present and future infringement relating thereto or to any inventions or discoveries described therein, including the right to collect royalties for all such infringements and the right to sue on all such causes of action for its own use and benefit and the use and benefit of its successors, assigns, and legal representatives, each and every of the foregoing rights, title and interests herein assigned to be held and enjoyed by DVA, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by MSL had this Assignment not been made.

IN TESTIMONY WHEREOF, MSL has caused this Assignment to be duly executed in its name and on its behalf by Liquidator, whose name and title appear below.

MICROPOLIS (S) LIMITED

(In Creditors' Voluntary Liquidation)

By: Name: Kon Yin Teng

Title: Liquidator

Date: 14th August 1999

EXHIBIT A

ESTELLECTUAL PROPERTY

PATENT-NUMBE	R'S INVENTOR(S)	ISSUE DATE.	J HITLES
RE34,399	Gami, et al.	October 5, 1993	Winchester Disk Drive Motor Circuitry
4,317,146	Gervais	February 23, 1982	Compact Magnetic Disk Storage System
4,329,604	Dunstan, et al.	May 11, 1982	Low Loss Brushless DC Motor
4,717,977	Brown	January 5, 1988	High Capacity Winchester Disk Drive
4,739,427	Kilmer, et al.	April 19, 1988	High Capacity Hard Disk Construction
4,796,122	Levy, et al.	January 3, 1989	Integral Head Positioner For Hard Disk Storage System
4,796,131	Chang	January 3, 1989	Head Positioner Preloaded Stop
4,797,762	Levy, et al.	January 10, 1989	Stress Free Winchester Drive Shaft Mounting
4,829,391	Vargas, Jr.	May 9, 1989	High Speed Integrated Charge Pump Circuit For Phase Lock Loops
4,839,754	Gami, et al.	June 13, 1989	Winchester Disk Drive Motor Circuitry
4,875,117	Slezak, et al.	October 17, 1989	Digital Head Positioner Assembly
4,939,600	Desai, et al.	July 3, 1990	Efficient Head Positioner Power Amplifier
4,947,093	Dunstan, et al.	August 7, 1990	Shock Resistant Winchester Disk Drive
4,949,201	Abed	August 14, 1990	Disk Drive Head Position Controller With Static Bias Compensation on Plural Velocity Detectors
4,967,155	Magnuson	October 30, 1990	Environmentally Controlled Media Defect Detection System For Winchester Disk Drives
4,989,108	Chang	January 29, 1991	Electro-Mechanical Latch
5,068,755	Hamilton, et al.	November 26, 1991	Sector Pulse Generator For Hard Disk Drive Assembly
5,121,273	Slezak	June 9, 1992	Computer Disk Head

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PATENT REEL: 010340 FRAME: 0098

PATENTENEMPLO	VENTOR(S)	ISSUEIDATE	TIME
	·		Interconnect Assembly
5,161,073	Gami, et al.	November 3, 1992	Low Power Disk Drive
5 . (2 0 5 0			Spindle Motor Controller
5.162,959	Arin, et al.	November 10, 1992	Actuator Lock
5,233,275	Danino	August 3, 1993	Simplified Sensorless DC
			Motor Commutation
			Control Circuit Using
			Analog Timing Techniques
5,246,479	Gami, et al.	September 21, 1993	Drive Motor Controller For
			Low Power Disk Drive
5,249,086	Sharma	September 28,1993	H.D.A. Pulse Shaping
			System Using A
			Differential Delay Line
			With Multiple Inputs
5,268,805	Peng, et al.	December 7, 1993	Low Inertia Winchester
			Disk Drive Actuator
5,366,200	Scura	November 22, 1994	Shock Mount Assembly
5,404,258	Arin, et al.	April 4, 1995	Hard Disk Drive Precision
			Head Positioner Having A
			Self-Aligning Head
			Positioner/Magnetic Coil
			Bobbin Interface
5,414,577	Arin, et al.	May 9, 1995	Magnetically Coupled Hard
			Disk Drive Head Positioner
			Latch
5,455,726	Liu	October 3, 1995	Versatile Head Positioner
			Stop
5,510,939	Lewis	April 23, 1996	Disk Drive With Adaptive
			Positioning
5,523,899	Parken, et al.	June 4, 1996	Method And Apparatus For
•			Thermal Calibration Of
			Hard Disk Drive
5,537,264	Pinteric	July 16, 1996	Method For Optimally
			Selecting Media Transfer
			Rates For Different Data
•			Heads Based On Individual
			Data Head Performance
5,602,693	Brunnett, et al.	February 11, 1997	Method And Apparatus For
			Sensing Position In A Disk
			Drive
5,609,496	Kilmer, et al.	March 11, 1997	Air-Tight Connector
			Assembly
5,793,566	Scura, et al.	August 11, 1998	Self Securing Compliant
			Gasket For A Disk Drive
			Assembly Housing_

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PATENT REEL: 010340 FRAME: 0099

PATENTNUMBER	NVENTOR(S)	JSSUE PAPE	JEEP THE STATE OF
5,805,919	Anderson	September 8, 1998	Method and System For Interleaving The Distribution Of Data Segments From Different Logical Volumes On A Single Physical Drive
Application Number 08/563,679	Kilmer, et al.	Filed November 28, 1995	Twin Coil Positioner
Application Number 08/873,269	Scura	Filed June 11, 1997	Compact Hard Disk Drive Head Positioner Latch
Foreign Patents and App	· · · · · · · · · · · · · · · · · · ·	Dana-bar 28, 1004	Winchester Disk Drive
0305479 (EPC)	Gami, et al.	December 28, 1994	Motor Circuitry
2,610,508 (Japan)	Gami, et al.	February 13, 1997	Winchester Disk Drive Motor Circuitry
P3731141 (Germany)	Brown	June 13, 1996	High Capacity Winchester Disk Drive
Pending (Germany)	Gami, et al.		Drive Motor Controller For Low Power Disk Drive
Pending (Germany)	Sharma		H.D.A. Pulse Shaping System Using A Differential Delay Line With Multiple Inputs
2,195,812 (UK)	Brown	August 1, 1990	High Capacity Winchester Disk Drive

PATENT 'REEL: 010340 FRAME: 0100

RECORDED: 10/27/1999