12-16-1998

CE

1140 TMOG 77

NOTE: The following appendix did r

100923808

.1S

U.S. DEPARTMENT OF COMME
Patent and Trademark O

APPENDIX B FORM PTO-1595

1-31-92



τ

RECORDATION FORM COVER SHEET PATENTS ONLY

1. 1	Name of convey	mg party (103).		2. Na	me and address of receiving party(ies):
	Wen Yau	ng Lee			2. ((/
	Tsann Lii	1		Name	: INTERNATIONAL BUSINESS
	Daniele N	⁄ Iauri			MACHINES CORPORATION
	David Jol	ın Seagle		1:	nternal Address: Armonk, New York 1050
				-	Street Address: SAME AS ABOVE
				٥	Street Address: SAME AS ABOVE
					Additional name(s) & address(es) attached?
Ado	ditional name(s)	of conveying party(ies) attached?	yes <u>X</u> no		
3.	Nature of Co X Assign Secur Other		Name		
	Execution Da	ate: <u>11/24/98; 11/23/98; 11/23/9</u>	98 and 11/25/98		
4.	Application 1	number(s) or patent number(s):			
	A. Patent Ar	oplication No.(s)		B. Pa	11/24/98; 11/23/98; 11/23/98 and 11/25/98 tent No.(s)
5.	09/	20/20//2	ditional numbers attached?	B. Pa	
5.	Name and ad	206016 Ad	ditional numbers attached?	B. Pa Yes <u>X</u> No 6. T	tent No.(s)
5.	Name and ad	20606 Address of party to whom correspond	ditional numbers attached?	B. Pa Yes <u>X</u> No 6. T ii	tent No.(s) Otal number of applications and patents
	Name and ad concerning d	dress of party to whom correspond ocuments should be mailed: Terrance A. Meador GRAY CARY WARE & FREI 401 "B" Street, Suite 1700 San Diego, California 92101	ditional numbers attached?	B. Pa Yes <u>X</u> No 6. T in 7. T	Total number of applications and patents involved: _1 Total Fee (37 CFR 3.41): \$ 80.00 Enclosed Authorized to be charged to
998 1	Name and ad concerning do Name: Address:	dress of party to whom correspond ocuments should be mailed: Terrance A. Meador GRAY CARY WARE & FREI 401 "B" Street, Suite 1700 San Diego, California 92101	ditional numbers attached?	B. Pa Yes <u>X</u> No 6. T ii 7. T - 8. I	Cotal number of applications and patents involved: _1 Cotal Fee (37 CFR 3.41): \$ 80.00 Enclosed Authorized to be charged to deposit account
	Name and ad concerning d Name: Address:	dress of party to whom correspond ocuments should be mailed: Terrance A. Meador GRAY CARY WARE & FREI 401 "B" Street, Suite 1700 San Diego, California 92101	ditional numbers attached?	B. Pa Yes <u>X</u> No 6. T ii 7. T - 8. I	Cotal number of applications and patents involved: _1 Cotal Fee (37 CFR 3.41): \$ 80.00 Enclosed Authorized to be charged to deposit account
998 1	Name and ad concerning d Name: Address: Statement an To the best of my TERRAN	dress of party to whom correspond ocuments should be mailed: Terrance A. Meador GRAY CARY WARE & FREI 401 "B" Street, Suite 1700 San Diego, California 92101 10140 090442 09206016 CH d signature. knowledge and belief, the forgeoing information of the convergence of the conve	ditional numbers attached?	B. Pa Yes X No 6. T ii 7. T - 8. I	Cotal number of applications and patents involved: _1 Cotal Fee (37 CFR 3.41): \$ 80.00 EnclosedX Authorized to be charged to deposit account Deposit Account Number: _09-0442
998 J 81	Name and ad concerning d Name: Address: Statement an To the best of my TERRAN	dress of party to whom correspond ocuments should be mailed: Terrance A. Meador GRAY CARY WARE & FREI 401 "B" Street, Suite 1700 San Diego, California 92101 0140 090442 09206016 CH d signature. knowledge and belief, the forgeting information of the properties	ditional numbers attached?dence DENRICH DO NOT USE THIS SPA	B. Pa Yes X No 6. I 7. I 8. I	Total number of applications and patents involved: _1 Total Fee (37 CFR 3.41): \$ 80.00 Enclosed Authorized to be charged to deposit account Deposit Account Number: _09-0442 Priginal document.
998 1 81 9.	Name and ad concerning do Name: Address: Statement an To the best of my Name of	dress of party to whom correspond ocuments should be mailed: Terrance A. Meador GRAY CARY WARE & FREI 401 "B" Street, Suite 1700 San Diego, California 92101 10140 090442 09206016 CH d signature. knowledge and belief, the forgeoing information of the convergence of the conve	ditional numbers attached?dence DENRICH DO NOT USE THIS SPA	B. Pa Yes X No 6. I 7. I 8. I	Cotal number of applications and patents involved: _1 Cotal Fee (37 CFR 3.41): \$ 80.00 EnclosedX Authorized to be charged to deposit account Deposit Account Number: _09-0442

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project. (0651-0011), Washington, D.C. 20503

BOX ASSIGNMENTS WASHINGTON, D.C. 20231

SA998032 (103779-153534)

PATENT

REEL: 9636 FRAME: 0674

ASSIGNMENT

IN TENTEDE	Whereas, We	•									
INVENTORS AND CITY	(1) Wen Yaung Lee City of San Jose, County of Santa Clara State of California,	(2)	Tsann Lin City of Saratoga, County of Santa Clara State of California								
	(3) <u>Daniele Mauri</u> City of <u>San Jose</u> , County of <u>Santa Clara</u> State of <u>California</u> ,	(4)	David John Seagle City of Morgan Hill, County of Santa Clara State of California								
	have invented certain improvements in										
TITLE	READ HEAD WITH HIGH RESISTANCE SOFT MAGNETIC FLUX GUIDE LAYER FOR ENHANCING READ SENSOR EFFICIENCY										
DATES THAT INVENTORS SIGNED THE DECLARATION	and executed a Declaration and Power of Attorney for a United States patent application therefor on (1), 1998, (2), 1998, (3), 1998, (3), 1998, (4), 1998										
	Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;										
	named, hereby sell, assign, and transfer to in the said application and invention ther rights of priority resulting from the filing of of Patents to issue any Letters Patent gra successors and assigns; and I hereby agree	o IBM, its success rein disclosed for of said United Sta inted upon the in that IBM may a	ot whereof is hereby acknowledged, I, the above ors and assigns, the entire right, title and interest the United States and foreign countries, and all tes application, and I request the Commissioner ventions set forth in said application to IBM, its pply for foreign Letters Patent on said invention the United States and foreign applications when								
	Signed	1									
CITY DATE	(1) at on $\frac{\int_{0.5}^{0.5} e^{-}}{\int_{0.5}^{0.5} e^{-}}$, 1998,	2/ee LD	Wen Yaung Lee SIGNATURE INVENTOR SIGNATURE TSann Lin INVENTOR								
CITY DATE	(2) at Jan Jo SE, 1998,		Tsann Lin INVENTOR								
CITY DATE	(3) at San Fore, 11/23 on	Dozen	Daniele Mauri SIGNATURI INVENTOR								
CITY DATE	(4) at on, 1998,		David John Seagle INVENTOR								

PATENT REEL: 9636 FRAME: 0675

ASSIGNMENT

	Whomas Wa	-					
INVENTORS	Whereas, We		·				
AND CITY	(1) Wen Yaung City of San County of S State of Cal	<u>Jose,</u> anta Clara	C	sann Lin ity of <u>Saratoga,</u> ounty of <u>Santa Clara</u> tate of <u>California</u>			
	(3) <u>Daniele Ma</u> City of <u>San</u> County of <u>S</u> State of <u>Cali</u>	<u>Jose,</u> anta Clara	C	avid John Seagle ity of Santa Barbars ounty of Santa Bark tate of <u>California</u>	a bara		
	have invented certain	improvements in					
TITLE	READ HEAD WIT ENHANCING REA	TH HIGH RESISTA D SENSOR EFFICIE	NCE SOFT MAG	GNETIC FLUX GUIDE	LAYER FOR		
DATES THAT INVENTORS	and executed a Decla	ration and Power of A	ttorney for a Unite	d States patent application	therefor on		
SIGNED THE DECLARATION	(1) (4)	, 1998, (2) , 1998	, 1998, (3)	, 1998,			
	York, having a place	of business at Armonk, and interest in the said a	New York 10504,	S CORPORATION, a corp (hereinafter called IBM), dention, and to any United S	esires to acquire		
	Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.						
	Signed			د			
CITY DATE	(1) at on	, 1998,		Wen Yaung Lee	SIGNATURE INVENTOR		
CITY DATE	(2) at on	, 1998,		Tsann Lin	_ SIGNATURE INVENTOR		
CITY DATE	(3) at on	, 1998,		Daniele Mauri	_ SIGNATURE INVENTOR		
CITY DATE	(4) at Goleta C	alifornia , 1998,		David John Seagle	_ SIGNATURE - INVENTOR		

RECORDED: 12/04/1998

PATENT REEL: 9636 FRAME: 0676