02-04-2002

FORM PTO-1595 (Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademarks Offices

ONIB N. 0651-0011 (exp. 4/94)	
To the Honorable Commissioner of Patents and documents or copy thereof.	Trademarks: Please record the attached original
Name of conveying party(ies):  Florence Eschbach, Eric J. Lee, Peter B.P. Phipps, Amanda Baer, Edward Hin Pong Lee and Francisco Martin     Additional name(s) of conveying party(ies) attached?     Yes _x_ No	Name and address of receiving party(**s):  Name: International Business Machines Corp.  Internal Address:
Nature of conveyance:     Merger	Street Address: <u>New Orchard Road</u> City: <u>Armonk</u> State: <u>NY</u> Zip: <u>10504</u>
Security Agreement Change of Name Other	Country: <u>USA</u> Additional name(s) & address(es) attached? Yes <u>x</u> No
Execution Date: <u>2/27/01,11/1/01, 11/2/01,</u> <u>11/22/01 and 1/9/02</u>	
Application number(s) or patent number(s):  If this document is being filed together with a new a	pplication, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers atta	ached? Yes <u>x</u> 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: Walter W. Duft	7. Total fee (37 C.F.R. 3.41)\$ 40.00 Enclosed
Internal Address: <u>Same as below</u>	<u>x</u> Authorized to be charged to deposit account
Street Address: 10255 Main Street, Suite 10  City: Clarence State: New York Zip: 14031	8. Deposit account number:  09-0466  (Attached duplicate copy of this page if paying by deposit account)
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copy is a true copy	going information is true and correct and any attached
of the original document.  Walter W. Duft  Name of Person Signing  Signature	
Name of Person Signing  Total number of pages including covers	ure // Date

**REEL: 012523 FRAME: 0629** 

Docket: SJO920000179US1

Whereas, we

INVENTOR AND CITY

APPLICATION

(1) Florence Eschbach County of San Mateo (2) Eric James Lee County of Santa Clara (3) Peter Beverley Powell Phipps

County of Santa Clara

(4) Amanda Baer

County of Santa Clara

(5) Edward Hin Pong Lee County of Santa Clara and

(6) Francisco Martin County of Santa Clara of Portolla Valley, and State of Califonia, of San Jose, and State of California, of Saratoga, and State of Califonia, of Campbell, and State of California, of San Jose, and State of California,

of San Jose, and State of California,

have invented certain improvements in

SIMULTANEOUS PLANARIZATION OF POLE PIECE AND COIL MATERIALS FOR WRITE HEAD APPLICATIONS

DATES THAT and executed, respectively, a United States patent application therefor on TNVENTORS (1) \_\_\_\_\_\_, 2001, (2) \_\_\_\_\_ SIGNED THE

(3) 11/1/01 , 2001, (4) 1/07 , 2002, (5) 11/02/01 , 2001, (6) 11/01 , 2001,

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;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, 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 we 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 we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY

(1) at \_\_\_\_\_

on \_\_\_\_\_, 2001, DATE

ASSIGNMENT

Docket: SJ0920000179US1

CT.LA	and (2) at	SIGNATURE
DATE	on, 2001,	INVENTOR
CITY	and (3) at Son Jave Peter Beverley Powell Phys	<b>∵</b> SIGNATURE
DATE	on <u>11/01/01</u> , 2001,	INVENTOR
CITY	and (4) at 541 Jose January Deec	SIGNATURE
DATE	on, 200Ţ,	INVENTOR
CITY	and (5) at San Jose Edward History en on 11/02/01, 2001,	SIGNATURE
DATE	on 11/02/01, 2001,	INVENTOR
CITY	and (6) at San ose	SIGNATURE
OATE	on 11/01, 2001,	INVENTOR

Docket: SJ0920000179US1

Whereas, we

INVE	ENTOR
AND	CITY

(1) Florence Eschbach
County of San Mateo
(2) Eric James Lee
County of Santa Clara
(3) Peter Beverley Powell Phipps
County of Santa Clara
(4) Amanda Baer
County of Santa Clara
(5) Edward Hin Pong Lee
County of Santa Clara
and
(6) Francisco Martin

County of Santa Clara

of Portolla Valley, and State of Califonia, of San Jose, and State of California, of Saratoga, and State of Califonia, of Campbell, and State of California, of San Jose, and State of California,

have invented certain improvements in

## SIMULTANEOUS PLANARIZATION OF POLE PIECE AND COIL MATERIALS FOR WRITE HEAD APPLICATIONS

INVENTORS	and	executed,	respectively,	a Unit	:ea	States	patent	application	tnereior	on
	(1)		122/01	2001,	(2)		· · · · · · · · · · · · · · · · · · ·		2001,	
	(3)			2001,	(4)				2001,	
	(5)			2001,	(6)				2001,	

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;

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	Signed and sealed			
CITY	(1) at Portola Voilley	Florence	Eschbach	SIGNATURE
	•			INVENTOR
DATE	on November 22 not, 2001,			

PATENT REEL: 012523 FRAME: 0632 **ASSIGNMENT** 

Docket: SJ0920000179US1

CITI	and (2) at		
DATE	on	, 2001,	INVENTOR
CITY	and (3) at		SIGNATURE
DATE	on	, 2001,	INVENTOR
CITY	and (4) at		 SIGNATURE
DATE	on	, 2001,	INVENTOR
CITY	and (5) at		SIGNATURE
DATE	on	, 2001,	INVENTOR
a	1 (6)		O T ON A DUTTO C
CITY	and (6) at		SIGNATURE
DATE	on	, 2001,	INVENTOR

PATENT REEL: 012523 FRAME: 0633

Docket: SJ0920000179US1

Whereas, we

TNAF	INTOR
AND	CITY

(1) Florence Eschbach
County of San Mateo
(2) Eric James Lee
County of Santa Clara
(3) Peter Beverley Powell Phipps
County of Santa Clara
(4) Amanda Baer
County of Santa Clara
(5) Edward Hin Pong Lee
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have invented certain improvements in

County of Santa Clara

## SIMULTANEOUS PLANARIZATION OF POLE PIECE AND COIL MATERIALS FOR WRITE HEAD APPLICATIONS

	and	executed,	respectively,	a Unit	cea	States	patent	application	therefor	on
INVENTORS SIGNED THE APPLICATION	(1)			2001,	(2)	_Feb	. 27		2001,	
	(3)			2001,	(4)	<u> </u>			2001,	
	(5)			2001,	(6)		<del></del>		2001,	

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Signed and sealed

CITY (1) at \_\_\_\_\_\_\_ SIGNATURE INVENTOR

DATE on \_\_\_\_\_, 2001,

PATENT REEL: 012523 FRAME: 0634 **ASSIGNMENT** 

Docket: SJO920000179US1

CITY	and (2) at San Jose CA on Fds. 27, 2001,	Janjan	SIGNATURE INVENTOR
CITY	and (3) at		SIGNATURE
DATE	on, 2001,		INVENTOR
CITY	and (4) at		SIGNATURE
DATE	on, 2001,		INVENTOR
CITY	and (5) at		SIGNATURE
DATE	on, 2001,		INVENTOR
CITY	and (6) at		SIGNATURE
DATE	on, 2001,		INVENTOR

**RECORDED: 01/14/2002**