	7. 0-33)	6-16-2000	R SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	N 0054 0044 (non 4(04)		<i>'</i>
	To the Honorable Commissioner of . 1	01382870	attached original documents or copy thereof
1.	Name of conveying party(ies):	2. Name an	nd address of receiving party(ies)
	Hardayal Singh Gill	Name: In	nternational Business Machines Corporation
Hardayal Singh Gill    Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		internal A	Address:
3.	Nature of conveyance:	Street Ac	ddress: New Orchard Road
	☑ Assignment ☐ Merger		9/5(
	☐ Security Agreement ☐ Change of Name	ne	90 J
	Other	City: Arr	monk State/Country: New York Zip: 10504
Exε	Execution Date: May 30, 2000		ne(s) and address(es) attached? Yes No
4.	4. Application number(s) or patent number(s):		
	If this document is being filed together with a new	v application, the execution	on date of the application is: June 6, 2000
	A. Patent Application No.(s)	B. Pater	nt No.(s)
	109/588253 Additions	al numbers attached? ☐ Yes	s 🗷 No
5.	Name and address of party to whom corresponder concerning document should be mailed:	nce 6. Total num	mber of applications and patents involved: 1
	Name: Brian C. Kunzler	7. Total fee	(37 CFR 3.41)
	Name: Brian C. Kunzler Internal Address:	7. Total fee	·
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		☑ Enclos	sed
	Internal Address:	☑ Enclos ☐ Authorized	sed
oal	Internal Address:  Street Address: 10 West 100 South, Suite 42  City: Salt Lake City State: Utah ZIP: 84	Authorized  8. Deposit a	sed d to be charged to deposit account (any deficiencies)
<u>O</u>	Internal Address:  Street Address: 10 West 100 South, Suite 42  City: Salt Lake City State: Utah ZIP: 84	Authorized  8. Deposit a	sed d to be charged to deposit account (any deficiencies) account number: uplicate copy of this page if paying by deposit account)
^ <u>O</u> <b>6</b> / ○ 9.	Internal Address:  Street Address: 10 West 100 South, Suite 42  City: Salt Lake City State: Utah ZIP: 84	Enclosed Authorized  8. Deposit a (Attach du	sed d to be charged to deposit account (any deficiencies) account number: uplicate copy of this page if paying by deposit account)
, <u>O</u>	Street Address: 10 West 100 South, Suite 42  City: Salt Lake City State: Utah ZIP: 84  (14) 2000 ASSI MAN CUCCUSO 095  2 FC; SSI 40 U7) 0P D  Statement and signature.	8. Deposit a  (Attach du	sed d to be charged to deposit account (any deficiencies) account number: uplicate copy of this page if paying by deposit account)
, <u>O</u>	Street Address: 10 West 100 South, Suite 42  City: Salt Lake City State: Utah ZIP: 84  (14) 2()00 ASON MAN COCCURA OGS  2 FC', SSI LIOUT) OP D  Statement and signature.  To the best of my knowledge and belief, the foreg the original document.	8. Deposit a  (Attach du	sed d to be charged to deposit account (any deficiencies) account number: uplicate copy of this page if paying by deposit account)

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Washington, D.C. 20231

Docket No.:SJO-99-0179

## ASSIGNMENT

Whereas, I

INVENTOR AND CITY

(1) Hardayal Singh Gill County of Santa Clara of Portola Valley and State of California

have invented certain improvements in

GMR DESIGN WITH NANO OXIDE LAYER IN THE SECOND ANTI-PARALLEL PINNED LAYER

DATE THAT INVENTOR SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on  $(1) \underline{\qquad \qquad } 2000$ 

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, 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 and sealed

CITY DATE Hardayal Singh Gill SIGNATURE INVENTOR

PATENT REEL: 010850 FRAME: 0798

RECORDED: 06/06/2000