

RECORDA

05-13-1998

To The Honorable Comm 100709398 !rademarks: Please record the attached original documents or copy thereof.

 Name of conveying party(ies): Arvind Krishna, Mahmoud Naghshineh, and Claus Michael Olsen 	 Name and address of receiving party(ies): Name: IBM Corporation Address: Old Orchard Road Armonk, NY 10504 			
Additional name(s) of conveying party(ies) attached?Yes _x_No	Additional name(s) & addresses attached? Yes x No			
3. Nature of conveyance:	4. Patent Application number(s)			
X Assignment	08/977-873			
Execution Date(s): _December 4 & 5, 1997	Execution Date(s):December 4 & 5, 1997			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications involved: 1			
Name: Louis P. Herzberg Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598	7. Total fee (37 CFR 3.41): \$40.00 X Charge to Deposit Account No.: 09-0468 (A duplicate copy of this sheet is enclosed)			

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8. Statement and signature.

Name of Person Signing

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PATENT REEL: 9155 FRAME: 0084

CITY and (6) at

 $\circ n$

DATE

Assignment

		Whereas, we						
Invento and Cit		(1) Arvind Krishna County of Westchest	er			of Somers and State of	New York	
		and (2) Mahmoud Nac County of Dutchess	nshineh			of Fishkill and State of	New York	
		and (3) Claus Micha County of Westchest				of Cortlandt and State of		
		and (4) County of				of and State of		
		and (5) County of				of and State of		
		and (6) County of				of and State of		
		have invented certa	in improv	ements in				
TITLE	W	IRELESS COMMUNICATIO	N SYSTEM					
DATES TINVENTO	THE	and executed, respe (1) /2-5 199 (4) 1997	ectively, 7, and (2 , and (5)	a United S	tates patent 1997, a 1997, and	t application and (3) 12 4 (6)	therefor 19 1997.	on 97, and
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.								
	(4)	Signed and sealed	A717	Lil	found			SIGNATURE
DATE	(1)	at Yorktown Heights, on 12.5	1997, (A		MIDDLE :		Crishna LAST NAME) INVENTOR
CITY DATE	and	Signed and sealed (2) at Yorktown Heig	hts, NY 1997, (Ma	ahmoud First NAME	d Naghe		ghshineh LAST NAME	_SIGNATURE 1) INVENTOR
CITY	and	Signed and sealed (3) at Yorktown Heig on 12-4	1997, (C	Olic laus FIRST NAME	Ceel C Mic MIDDLE		Olsen LAST NAME	_SIGNATURE) INVENTOR
CITY	and	Signed and sealed (4) at on	1997, (FIRST NAME	MIDDLE	INITIAL	LAST NAME	_signature) inventor
CITY DATE	and	Signed and sealed (5) at on	1997, (FIRST NAME	MIDDLE	INITIAL	LAST NAME	_signature) inventor
		Signed and sealed						

1997, (FIRST NAME

MIDDLE INITIAL

SIGNATURE

) INVENTOR

LAST NAME

	State of New Yor County of Westch				
INVENTOR (1)	On this 5 W Arvind Kris person described to me that he ex		1997, before me personally came ersonally known, and known to me to be the foregoing assignment, and he acknowledged tree act and deed.		
			WENDY R. PETRÖVICH Notery Public, State of New York No. 01 R16042058 Quellied in Westchester Coupty:		
	State of New Yor County of Westch	,	Commission Empires April 17, 1919		
INVENTOR (2)			22 1997, before me personally came personally known, and known to me to be the foregoing assignment, and he acknowledged ree act and deed.		
			WENDY RAPETROVICH Menory Public, State of New York		
	State of New Yor County of Westch		No. 01Ri5042058 Quelified in Westchester County Commission Expires April 17, 1999		
INVENTOR (3)			ersonally known, and known to me to be the foregoing assignment, and he acknowledged		
			Wendy R Petrank		
	State of County of)ss.:)	WENDY PETHOVICH Notary Public, State of New York No. 01RIS042058 Qualified in Westchester County Commission Expires April 17,		
INVENTOR (4)	On this person described to me that he ex	day of to me I in and who executed the secuted the same as his f	1997, before me personally came personally known, and known to me to be the foregoing assignment, and he acknowledged		
			Notary		
	State of County of)ss.:)			
INVENTOR (5)	On this	day of to me	1997, before me personally came personally known, and known to me to be the		
	person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.				
			Notary		
	State of County of)ss.:)			
INVENTOR (6)	On this	day of to me	1997, before me personally came personally known, and known to me to be the		
	person described to me that he ex	d in and who executed the kecuted the same as his	foregoing assignment, and he acknowledged free act and deed.		
			Notary		