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To the Honorable Commissioner of Patents and Trademarks, attached original documents or copy thereof.

1. Name of conveying party(ies):

Rajiv V. Joshi and Suchitra R. Joshi

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Street Address:

City: Armonk State: NY Zip: 10504

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: August 6, 1998

4. Application number(s) or patent number(s):

09/133960

If this document is being filed together with a new application, the execution date of the application is: August 6, 1998

A. Patent Application No. (s)

B. Patent No. (s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Frank Chau, Esq.
Street Address: DILWORTH & BARRESE
333 Earle Ovington Boulevard
City: Uniondale State: NY Zip: 11553

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-0510/IBM (Yorktown Heights)

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09/133960
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PATENT

REEL: 9397 FRAME: 0549

Assignment

Whereas, we

Inventor and City	(1) Rajiv V. Joshi County of Westchester	of Yorktown Heights and State of New York
	and (2) Suchitra R. Joshi County of Westchester	of Yorktown Heights and State of New York

have invented certain improvements in

TITLE WIRELESS INFORMATION TRANSFER AND INTERACTIVE TELEVISION SYSTEM

and executed, respectively, a United States patent application therefor on

DATES THAT INVENTORS SIGNED THE DECLARATION	(1) August 6,	1998 and (2) August 6,	1998
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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 Yorktown Heights,	<u>Rajiv</u>	<u>V.</u>	<u>Joshi</u>	SIGNATURE
DATE	on August 6, 1998,	(Rajiv	V.	Joshi) INVENTOR
		FIRST NAME	MIDDLE INITIAL	LAST NAME	

	Signed and sealed				
CITY	and (2) at Yorktown Heights,	<u>Suchitra R Joshi</u>			SIGNATURE
DATE	on August 6, 1998,	(Suchitra	R.	Joshi) INVENTOR
		FIRST NAME	MIDDLE INITIAL	LAST NAME	

State of New York) ss.:
County of Westchester)

INVENTOR (1) On this 6th day of August 1998, before me personally came Rajiv V. Joshi to me personally know, 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
MICHELLE PARRA
Notary Public, State of New York
No. 01PA5089349
Qualified in Dutchess County
Commission Expires December 8, 1999

State of New York) ss.:
County of Westchester)

INVENTOR (2) On this 6th day of August 1998, before me personally came Suchitra R. Joshi to me personally know, 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
MICHELLE PARRA
Notary Public, State of New York
No. 01PA5089349
Qualified in Dutchess County
Commission Expires December 8, 1999