



102000611

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name(s) of conveying party/parties:	2. Name and address of receiving party
--	--

Virinder M. Batra Valerie M. Bennett
 Andrew N. Capella Xiaoyan Chen
 Xiao Cheng Ding Peter R. Gamble
 Steven M. Miller

International Business Machines Corporation
 New Orchard Road
 Armonk, New York 10504



Additional Names Attached? Yes No

3. Nature of Conveyance

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date(s): 2/6, 2/6, 2/6, 2/9, 2/9, 2/6, 2/11, 2002

Additional Names Attached? Yes No

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

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

2/6, 2/6, 2/6,
2/9, 2/9, 2/6,
2/11, 2002

A. Patent Application No(s)

B. Patent No(s)

10/077012

Additional Numbers Attached? Yes No

5. Name and Address of party to whom correspondence concerning the document should be sent:	6. Total Number of applications and patents involved:	1
---	---	---

Name: Gerald R. Woods

Internal Address:

IBM Corporation, T81/503

Street Address:

PO Box 12195

City/State/Zip: Res. Tri. Park, NC 27709

7. Total fee (37 CFR 3.41)\$	40
------------------------------------	----

Enclosed

Charge to deposit account

8. Deposit account Number: 09-0461

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gerald R. Woods

Gerald R. Woods

Feb. 15, 2002

Name of Person Signing

Signature

Date

Total Number of pages including cover sheet, attachments and document

7

03/04/2002 DBYRHE 00000122 090461 10077012

01 FE:581 Assgn SW/Co: 09082000

ASSIGNMENT

Whereas, we

-1 Virinder M. Batra

of: Chapel Hill, North Carolina

and (2) Valerie M. Bennett

of: Macon, North Carolina

and (3) Andrew N. Capella

of: Cary, North Carolina

and (4) Xiaoyan Chen

of: People's Republic of China

and (5) Xiao Cheng Ding

of: People's Republic of China

and (6) Peter R. Gamble

of: Raleigh, North Carolina

and (7) Steven M. Miller

of: Apex, North Carolina

have invented certain improvements in

**Common Location-Based Service Adapter Interface for
Location Based Services**

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

-1 2/6/02

-2 2/6/02

-3 2/6/02

-4

-5

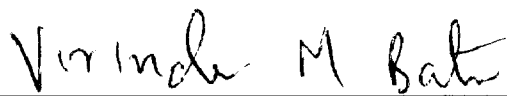
-6 2/6/02-7 2/11/02

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 invention 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

(1) at: RTP, NC
on: 2.6.02



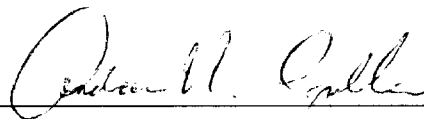
Virinder M. Batra

and (2) at: RTP, NC
on: 2.6.02



Valerie M. Bennett

and (3) at: RTP, NC
on: 2.6.02



Andrew N. Capella

and (4) at:
on:



Xiaoyan Chen

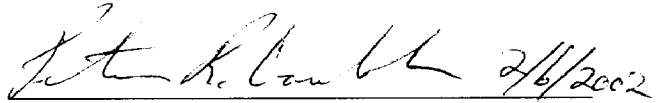
and (5) at:

on:

Xiao Cheng Ding

and (6) at: RTP, NC

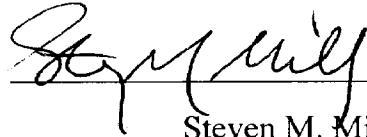
on: February 6, 2002

Handwritten signature of Peter R. Gamble with the date 2/6/2002 written to the right.

Peter R. Gamble

and (7) at: RTP, NC

on: 2-11-2002

Handwritten signature of Steven M. Miller.

Steven M. Miller

IBM Docket No.: RSW920010183US1

ASSIGNMENT

Whereas, we

-1 Virinder M. Batra

of: Chapel Hill, North Carolina

and (2) Valerie M. Bennett

of: Macon, North Carolina

and (3) Andrew N. Capella

of: Cary, North Carolina

and (4) Xiaoyan Chen

of: People's Republic of China

and (5) Xiao Cheng Ding

of: People's Republic of China

and (6) Peter R. Gamble

of: Raleigh, North Carolina

and (7) Steven M. Miller

of: Apex, North Carolina

have invented certain improvements in

**Common Location-Based Service Adapter Interface for
Location Based Services**

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

-1

-2

-3

-4 2/9/02

-5 2/9/02

-6

-7

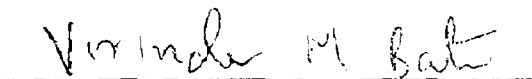
IBM Docket No.: RSW920010133081

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 invention 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

(1) at: RTP, NC
on: 2.6.02



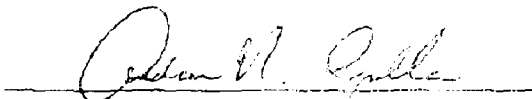
Virinder M. Baira

and (2) at: RTP, NC
on: 2.6.02



Valerie M. Bennett

and (3) at: RTP, NC
on: 2.6.02



Andrew N. Capella

and (4) at: Beijing, PRC
on: 2.9.2002



Xiaoyan Chen

IBM Docket No.: P.S.W.920010183US1

and (5) at: Beijing, PRC

on: 2.9.2002

Xiao Cheng Ding

Xiao Cheng Ding

and (6) at: RTP, NC

on: February 6, 2002

Peter R. Gamble

Peter R. Gamble

and (7) at:

on:

Steven M. Miller