

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Julio Alvarez	12/14/2004
Phuc Ky Do	12/14/2004
Justin Monroe Pierce	12/17/2004
Susan Elizabeth Wince	12/14/2004
RECEIVING PARTY DATA	
Name:	International Business Machines Corporation
Street Address:	Old Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11016163
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 2:	Dept. YXSA/Bldg. 002
Address Line 4:	Research Triangle Pa, NORTH CAROLINA 27709
ATTORNEY DOCKET NUMBER:	RPS920040107US1
NAME OF SUBMITTER:	Vickie Diane Hawkins

CH \$40.00 11016163

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REEL: 017338 FRAME: 0894

Total Attachments: 3

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REEL: 017338 FRAME: 0895

PATENT

ASSIGNMENT

Whereas, I/ we,

- | | |
|--|--|
| (1) JULIO ALVAREZ
County of Wake | City of Cary
State of North Carolina |
| (2) PHUC KY DO
County of Wake | City of Morrisville
State of North Carolina |
| (3) JUSTIN MONROE PIERCE
County of Wake | City of Cary
State of North Carolina |
| (4) SUSAN ELIZABETH WINCE
County of Wake | City of Raleigh
State of North Carolina |

have invented certain improvements in

Title:

TIERED ON-DEMAND LOCATION-BASED SERVICE AND INFRASTRUCTURE


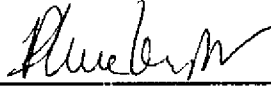
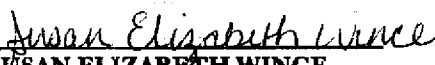
and executed a United States patent application therefor on the following **date(s)**:

- | | |
|---------------------------------|-------------------------------|
| (1) <u>12/14/2004</u>
(Date) | (4) <u>12/14/04</u>
(Date) |
| (2) <u>12/14/2004</u>
(Date) | |
| (3) <u>12/17/2004</u>
(Date) | |

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 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/we, the above named, hereby acknowledge my/our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and I/we hereby agree that IBM may apply for foreign Letters Patent on the invention and I/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:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>CARY, NC</u>	<u>12/14/2004</u>	 <u>JULIO ALVAREZ</u>
(2)	<u>Morrisville, NC</u>	<u>12/14/2004</u>	 <u>PHUC KY DO</u>
(3)	<u> </u>	<u> </u>	<u>JUSTIN MONROE PIERCE</u>
(4)	<u>Raleigh, NC</u>	<u>12/14/04</u>	 <u>SUSAN ELIZABETH WINCE</u>

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby acknowledge my/our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and I/we hereby agree that IBM may apply for foreign Letters Patent on the invention and I/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:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	_____ JULIO ALVAREZ
(2)	_____	_____	_____ PHUC KY DO
(3)	<u>Raleigh NC</u>	<u>12/17/2004</u>	<u>Justin Monroe Pierce</u> JUSTIN MONROE PIERCE
(4)	_____	_____	_____ SUSAN ELIZABETH WINCE

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