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To the Honorable Commi

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Send the attached original documents or copy thereof.

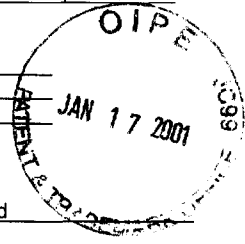
1. Name of conveying party(ies):  
Paul A. Moskowitz  
Stephane H. Maes  
Abraham P. Ittycheriah

Additional names of conveying party(ies) attached?  
 yes  no

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: November 15, 2000, November 17, 2000 and November 17, 2000 respectively

2. Name and address of receiving party(ies):  
Name: International Business Machines Corporation  
Internal Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Street Address: New Orchard Road  
City Armonk  
State New York Zip 10504  
Additional name(s) & address(es) attached?  yes  no



4. Application number(s) or patent number(s):  
Title: AUTOMATED TRAFFIC MAPPING USING SAMPLING AND ANALYSIS  
If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No(s). 09/679,033 filed on October 4, 2000      B. Patent No(s). \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
C. Lamont Whitham, Esq.  
McGuireWoods LLP  
1750 Tysons Boulevard, Suite 1800  
McLean, VA 22102  
(703)712-5000

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
 Total fee due  
 Any deficiencies in the enclosed fees

8. Deposit account number:  
50-0510/IBM (Yorktown Heights)

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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.

C. Lamont Whitham  
Registration 22,424  
Tel.: (703)712-5000

Signature

January 16, 2001  
Date

Total number of pages including cover sheet, attachments, and document: 4

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# ASSIGNMENT

## Whereas, We

Inventor and city	(1) Neal J. Alewine State of Florida	City of Lakeworth County of Palm Beach
Inventor and city	(2) James C. Colson State of Texas	City of Austin County of Williamson
Inventor and city	(3) Abraham P. Ittycheriah State of Connecticut	City of Danbury County of Fairfield
Inventor and city	(4) Stephane H. Maes State of Connecticut	City of Danbury County of Fairfield
Inventor and city	(5) Paul A. Moskowitz State of New York	City of Yorktown Heights County of Westchester

have invented certain improvements in

TITLE AUTOMATED TRAFFIC MAPPING USING SAMPLING AND ANALYSIS

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

DATE THAT INVENTOR DECLARATION	(1)	2000,	(2)	2000,
	(3) 11/17/2000	2000,	(4) 11/17/2000	2000,
	(5) Nov 15, 2000	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, 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.

(1) Signed and sealed

CITY	at				SIGNATURE
DATE	on	2000,	_____	_____	INVENTOR
			Neal	J.	Alewine
			FIRST NAME	MIDDLE INITIAL	LAST NAME

(1) On this \_\_\_\_\_ day of \_\_\_\_\_, 2000, before me personally came INVENTOR Neal J. Alewine to me 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.

State of \_\_\_\_\_  
County of \_\_\_\_\_  
\_\_\_\_\_  
Notary

(2) Signed and sealed  
CITY at  
DATE on 2000, \_\_\_\_\_ SIGNATURE  
James. C. Colson INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

(2) On this \_\_\_\_\_ day of \_\_\_\_\_ 2000, before me personally came  
INVENTOR James C. Colson to me 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.

State of \_\_\_\_\_  
County of \_\_\_\_\_  
\_\_\_\_\_  
Notary

(3) Signed and sealed  
CITY at Yoktoun NY  
DATE on Nov. 17, 2000 2000, Abraham P. Ittycheriah SIGNATURE  
Abraham P. Ittycheriah INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

(3) On this \_\_\_\_\_ day of \_\_\_\_\_ 2000, before me personally came  
INVENTOR Abraham P. Ittycheriah to me 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.

State of \_\_\_\_\_  
County of \_\_\_\_\_  
\_\_\_\_\_  
Notary

(4) Signed and sealed  
CITY at Yoktoun NY  
DATE on Nov. 17, 2000 2000, \_\_\_\_\_ SIGNATURE  
Stephane H. Maes INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

(4) On this \_\_\_\_\_ day of \_\_\_\_\_ 2000, before me personally came  
INVENTOR Stephane H. Maes to me 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.

State of \_\_\_\_\_  
County of \_\_\_\_\_  
\_\_\_\_\_  
Notary

(5) Signed and sealed  
CITY at Yorktown, NY  
DATE on Nov 15 2000,

Paul A. Moskowitz SIGNATURE  
Paul A. Moskowitz INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

(5) On this \_\_\_\_\_ day of \_\_\_\_\_ 2000, before me personally came  
INVENTOR Paul A. Moskowitz to me 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.

State of \_\_\_\_\_  
County of \_\_\_\_\_  
\_\_\_\_\_  
Notary