

07-29-2003



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

7-16-03

RE

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R SHEET

PATENTS ONLY

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Names of conveying parties:

ALUR, Nagraj Ramachandran
GOGATE, Vitthal M.
NARANG, Inderpal Singh
ROUTRAY, RamaniRanjan
SUBRAMANIAN, Mahadevan

21907 U.S. PTO
10/62/857
07/16/03

2. Name and address of receiving party:

International Business Machines Corporation
New Orchard Road
Armonk, NY 10504

3. Nature of conveyance: Assignment

Execution Date: 07/08/2003
(By first named inventor)

4. Application number:

10/ 021857

Docket No.: ARC920030027US1

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed by first named inventor): 07/08/2003

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

Samuel A. Kassatly
6819 Trinidad Drive
San Jose, CA 95120
Tel: (408) 323-5111

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41) = \$40.00

8. Charge fee to Deposit Account No. 09-0441

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.

Samuel A. Kassatly

Attorney Name

Signature of Attorney

07/16/2003

Date

07/28/2003 5TON11 00000103 090441 10621857

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PATENT
REEL: 014310 FRAME: 0476

ASSIGNMENT

Whereas, we,

- (1) Name: ALUR, Nagraj Ramachandran
City/State of: San Jose, CA
County of: Santa Clara
- (2) Name: GOGATE, Vitthal M.
City/State of: Cupertino, CA
County of: Santa Clara
- (3) Name: NARANG, Inderpal Singh
City/State of: Saratoga, CA
County of: Santa Clara
- (4) Name: ROUTRAY, Ramani Ranjan
City/State of: San Jose, CA
County of: Santa Clara
- (5) Name: SUBRAMANIAN, Mahadevan
City/State of: San Jose, CA
County of: Santa Clara

have invented certain improvements in:

**“SYSTEM AND METHOD FOR AUTOMATICALLY AND
DYNAMICALLY OPTIMIZING RESOURCES
TO MEET BUSINESS OBJECTIVES”**

and executed a Declaration and Power of Attorney for a United States patent application therefor on:

- (1) Date: July 8th 2003
- (2) Date: July 8th 2003
- (3) Date: July 9th, 2003
- (4) Date: JULY 16th, 2003
- (5) Date: July 8th 2003

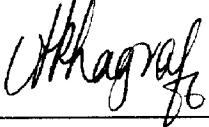
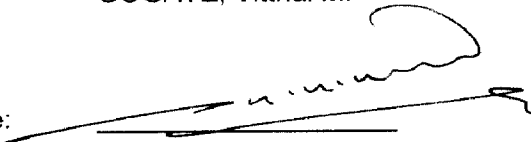


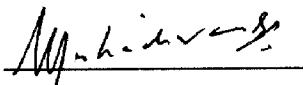
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title

ASSIGNMENT

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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Execution by Inventors:

- | | | | | |
|-----|------------|---|------------|----------------------------------|
| (1) | Name: | ALUR, Nagraj Ramachandran | City/State | San Jose, CA |
| | Signature: |  | Date: | <u>July 8th 2003</u> |
| (2) | Name: | GOGATE, Vitthal M. | City/State | San Jose, CA |
| | Signature: |  | Date: | <u>July 8th 2003</u> |
| (3) | Name: | NARANG, Inderpal Singh | City/State | San Jose, CA |
| | Signature: |  | Date: | <u>July 9th, 2003</u> |
| (4) | Name: | ROUTRAY, Ramani Ranjan | City/State | San Jose, CA |
| | Signature: |  | Date: | <u>July 16th 2003</u> |
| (5) | Name: | SUBRAMANIAN, Mahadevan | City/State | San Jose, CA |
| | Signature: |  | Date: | <u>July 8th 2003</u> |