



Docket No.: YO998-509

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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REC

07-06-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101083301

Tab settings → → →

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

1. Name of conveying party(ies):
Tushar Deepak Chandra **Vijay Krishnarao Naik**
Ahmed-Sameh Afif Fakhouri **John Arthur Pershing, Jr.**
Liana Liyow Fong
William Francis Jerome
Srirama Mandyam Krishnakumar

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **International Business Machines Corporation**
Internal Address: _____

Street Address: **New Orchard Road**

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: **5/25/99, 5/26/99**

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/280,531

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Blanche E. Schiller**
Internal Address: **Heslin & Rothenberg, P.C.**
06/30/1999 ZADONILLA 00000058 09280531
02 FC:581 40.00 DP
Street Address: **5 Columbia Circle**

City: **Albany** State: **NY** ZIP: **12203**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
08-1935

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.

Blanche E. Schiller, Esq. *Blanche E. Schiller* **June 23, 1999**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **5**

PATENT

A S S I G N M E N T

Whereas, we

Tushar Deepak Chandra County of New York	of New York and State of New York
Ahmed-Sameh Afif Fakhouri County of New York	of New Rochelle and State of New York
Liana Liyow Fong County of Westchester	of Irvington and State of New York
William Francis Jerome County of Westchester	of Amawalk and State of New York
Srirama Mandyam Krishnakumar County of Westchester	of Mount Kisco and State of New York
Vijay Krishnarao Naik County of Westchester	of Yorktown Heights and State of New York

and

John Arthur Pershing, Jr. County of Westchester	of Buchanan and State of New York
--	--------------------------------------

have invented certain improvements in METHOD, SYSTEM AND PROGRAM PRODUCTS FOR MANAGING THE CHECKPOINTING/RESTARTING RESOURCES OF A COMPUTING ENVIRONMENT, and executed, respectively, a United States Patent Application therefor on

x 5/25/99, x 5/25/99, x 5/25/99, x 5/25/99,
x 5/25/99, x 5/25/99, and x 5/25/99.

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 and interest in the said application and the 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 Patents 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 I 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, State) at Yonkers NY
on May 25, 1999

Tushar Deepak Chandra
Tushar Deepak Chandra

STATE OF NEW YORK) SS.:
COUNTY OF WESTCHESTER)

On this 25th day of May 1999, before me personally came **Tushar Deepak Chandra**, 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.

Mae K. Lemke
Notary Public

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

(City, State) at Hawthorne NY
on May 26, 1999

Ahmed-Sameh Afif Fakhouri
Ahmed-Sameh Afif Fakhouri

STATE OF NEW YORK) SS.:
COUNTY OF WESTCHESTER)

On this 25th day of May 1999, before me personally came **Ahmed-Sameh Afif Fakhouri**, 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.

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

Mae K. Lemke
Notary Public

(City, State) at Hawthorne NY
on May 25, 1999

Liana Liyow Fong
Liana Liyow Fong

STATE OF NEW YORK) SS.:
COUNTY OF WESTCHESTER)

On this 25th day of May 1999, before me personally came **Liana Liyow Fong**, 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.

Mae K. Lemke
Notary Public

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

(City, State) at Hawthorne NY
on May 25, 1999

William Francis Jerome
William Francis Jerome

TATE OF NEW YORK) SS.:
COUNTY OF WESTCHESTER)

On this 25th day of May 1999, before me personally came **William Francis Jerome**, 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.

Mae K. Lemke
Notary Public

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

(City, State) at Haverhill, NY
on May 25, 1999

Srirama M K
Srirama Mandyam Krishnakumar

STATE OF NEW YORK) SS.:
COUNTY OF WESTCHESTER)

On this 25th day of May 1999, before me personally came **Srirama Mandyam Krishnakumar**, 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.

Mae K. Lemke
Notary Public

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

(City, State) at Haverhill, NY
on May 25, 1999

Vijay k. Naik
Vijay Krishnarao Naik

STATE OF NEW YORK) SS.:
COUNTY OF WESTCHESTER)

On this 25th day of May 1999, before me personally came **Vijay Krishnarao Naik**, 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.

Mae K. Lemke
Notary Public

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 02 2000

(City, State) at Haverhill, NY
on May 25, 1999

John Arthur Pershing, Jr.
John Arthur Pershing, Jr.

STATE OF NEW YORK) SS.:
COUNTY OF WESTCHESTER)

On this 20th day of May, 1999, before me personally came **John Arthur Pershing, Jr.**, 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.

Mae K. Lemke

Notary Public

Mae K. Lemke
Notary Public, State of New York
No. 01LE6003456
County of Westchester
Commission Expires March 31, 2001