

RECEIVED

02-28-2002



PT

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner

101995740

See the attached original documents or copy thereof.

1. Name of conveying party(ies):

David Francis Bacon and
Vadakkedathu Thomas Rajan

2-12-02

Additional name(s) of conveying party(ies)
attached?Yes ☐ No ☒

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

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

Execution Date: February 11, 2002

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

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

A. Patent Application No.(s) 10/013,148 Filed December 10, 2001 B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document should be
mailed:Name: Robert J. Mauri
Internal Address: Ryan, Mason & Lewis, LLP
Street Address: 1300 Post Road, Suite 205
City: Fairfield State: CT ZIP: 064306. Total number of applications and patents
involved: 17. Total Fee (37 CFR 3.41)..... \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number 50-0510

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.

Robert J. Mauri

Reg. No. 41,180

Signature

February 12, 2002

Date

Total number of pages including cover sheet, attachments, and document: 2

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC, 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

FOR920000849US2

02/27/2002 AHMED1 00000120 500510 10013148

01 FC:581

40.00 CH

PATENT
REEL: 012606 FRAME: 0634

ASSIGNMENT

Whereas, I

Inventor
and City(1) David Francis Bacon
County of New Yorkof Manhattan
and State of New York(2) Vadakkedathu Thomas Rajan
County of Westchesterof Briarcliff Manor
and State of New York

have invented certain improvements in

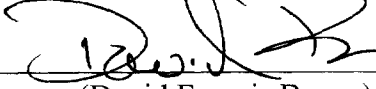
TITLE


**CONCURRENT COLLECTION OF CYCLIC GARBAGE IN REFERENCE COUNTING
SYSTEMS**Described in United States patent application Serial No. 10/013,148, filed on December 10, 2001 and
executed onDATE THAT
INVENTOR
SIGNED THE
DECLARATION

(1) Feb. 11, 2002. and (2) Feb 11, 2002.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 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.

Signed
CITY (1) at Hawthorne, NY  SIGNATURE
DATE on Feb 11, 2002, (David Francis Bacon) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY (2) at Hawthorne, NY  SIGNATURE
DATE on Feb 11, 2002, (Vadakkedathu Thomas Rajan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME