To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original documents or copy thereof.

1. Name of conveying party(ies):
   Rong N. Chang
   Hubertus Franke
   Ching-Farn E. Wu
   12/11/02

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

2. Name and address of receiving party(ies):
   Name: International Business Machines Corporation
   Address: New Orchard Road
   City: Armonk
   State/Prov.: New York
   Country: U.S.A.
   ZIP: 10504

   Additional name(s) & address(es)  □ Yes  ☒ No

3. Nature of conveyance:
   ☒ Assignment  □ Merger
   □ Security Agreement  □ Change of Name
   □ Other

   Execution Date: 12/11/02, 12/10/02, 12/10/02 respectively

4. Application number(s) or patent numbers(s):
   If this document is being filed together with a new application, the execution date of the application is: 12/11/02, 12/10/02, 12/10/02 respectively

   Patent Application No.  Filing date

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Steven Fischman
   Registration No. 34,594
   Address: Scully, Scott, Murphy & Presser
   400 Garden City Plaza
   (516) 742-4343
   City: Garden City
   State/Prov.: New York
   Country: U.S.A.
   ZIP: 11530

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:
   50-0510/IBM
   (Attach duplicate copy of this page if paying by deposit account)

   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.

   Steven Fischman, Reg. No. 34,594
   Name of Person Signing
   December 12, 2002
   Date

Total number of pages including cover sheet, attachments, and documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013579 FRAME: 0888
ASSIGNMENT

Whereas, we

Inventor and City

(1) Rong N. Chang
    City of Pleasantville
    and State of New York
    County of Westchester

and

(2) Hubertus Franke
    City of Cortlandt Manor
    and State of New York
    County of Westchester

and

(3) Ching-Farn E. Wu
    City of Yorktown Heights
    and State of New York
    County of Westchester

have invented certain improvements in

Title

SYSTEM AND METHOD ON GENERATING MULTIDIMENSIONAL TRACE FILES AND VISUALIZING THEM USING MULTIPLE GANTT CHARTS

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

Dates That Inventors Signed the Declaration

(1) Dec. 11, 2002, and (2) Dec. 10, 2002, and

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.

City

(1) Signed at IBM Hawthorne
    Date on 12/11/02

(2) Signed at IBM Yorktown
    Date on 12/10/02

(3) Signed at IBM Yorktown
    Date on 12/10/02