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To the Honorable Commissioner of Patents and Trademarks, Patent and Trademark Office, Washington, D.C. 20503
Original documents or copy thereof.

1. Name of conveying party(ies):

1) Christian Bolik, 2) David Maxwell Cannon, 3) Colin Scott Dawson,
4) Avishai Haim Hochberg, 5) Michael Allen Kaczmarek,
6) James Patrick Smith, and 7) Christopher Zaremba

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

2. Name and address of receiving party(ies):

International Business Machines Corporation
Armonk, New York 10504

Additional name(s) & address(es) attached? Yes No

jc929 U.S. PTO
10/120015
04/10/02

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date 1) April 9, 2002; 2) April 8, 2002; 3) April 8, 2002;
4) April 5, 2002; 5) April 8, 2002; 6) April 5, 2002; 7) April 8, 2002

10/120015

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: April 10, 2002

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? Yes No

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

DAVID W. VICTOR, ESQ.
KONRAD RAYNES VICTOR & MANN LLP
315 S. Beverly Drive, Suite 210
Beverly Hills, CA 90212

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 50-0585

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Signature

April 10, 2002
Date

Total number of pages including cover sheet, attachments and document: [7]

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ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) Christian Bolik

of Mainz
and State of Germany

(2) David Maxwell Cannon
County of Pima

of Tucson
and State of Arizona

(3) Colin Scott Dawson
County of Pima

of Tucson
and State of Arizona

(4) Avishai Haim Hochberg
County of Santa Clara

of San Jose
and State of California

(5) Michael Allen Kaczmariski
County of Pima

of Tucson
and State of Arizona

(6) James Patrick Smith
County of San Mateo

of Redwood City
and State of California

(7) Chris Zaremba
County of Broome

of Endicott
and State of New York

have invented certain improvement in

TITLE METHOD, SYSTEM, AND PROGRAM FOR GROUPING OBJECTS

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on

(1) 4/9, 2002, (2) _____, 2002, (3) _____, 2002, (4) 4/5/, 2002,
(5) _____, 2002, (6) 4/5, 2002, and (7) _____, 2002

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 therefore;

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 invention 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 and sealed

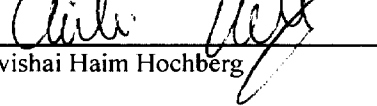
CITY
DATE

(1) at San Jose
on 4/9, 2002,

Chris Bolik
Christian Bolik SIGNATURE
INVENTOR

CITY (2) at _____ SIGNATURE
DATE on _____, 2002, David Maxwell Cannon INVENTOR

CITY (3) at _____ SIGNATURE
DATE on _____, 2002, Colin Scott Dawson INVENTOR

CITY (4) at San Jose SIGNATURE
DATE on 04/05, 2002,  Avishai Haim Hochberg INVENTOR

CITY (5) at _____ SIGNATURE
DATE on _____, 2002, Michael Allen Kaczmarek INVENTOR

CITY (6) at San Jose SIGNATURE
DATE on 4/5, 2002,  James Patrick Smith INVENTOR

CITY (7) at _____ SIGNATURE
DATE on _____, 2002, Chris Zaremba INVENTOR

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(1) _____, 2002, (2) April 8, 2002, (3) April 8, 2002, (4) _____, 2002,
(5) April 8, 2002, (6) _____, 2002, and (7) _____, 2002

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;

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Signed and sealed

CITY
DATE

(1) at _____
on _____, 2002,

Christian Bolik

SIGNATURE
INVENTOR

CITY (2) at Tucson
DATE on April 8, 2002,

David Maxwell Cannon SIGNATURE
David Maxwell Cannon INVENTOR

CITY (3) at Tucson
DATE on April 8, 2002,

Colin Scott Dawson SIGNATURE
Colin Scott Dawson INVENTOR

CITY (4) at _____
DATE on _____, 2002,

Avishai Haim Hochberg SIGNATURE
INVENTOR

CITY (5) at Tucson
DATE on April 8, 2002,

Michael Allen Kaczmariski SIGNATURE
Michael Allen Kaczmariski INVENTOR

CITY (6) at _____
DATE on _____, 2002,

James Patrick Smith SIGNATURE
INVENTOR

CITY (7) at _____
DATE on _____, 2002,

Chris Zaremba SIGNATURE
INVENTOR

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(5) _____, 2002, (6) _____, 2002, and (7) 4-8, 2002

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Christian Bolik

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DATE on _____, 2002, Colin Scott Dawson INVENTOR

CITY (4) at _____ SIGNATURE
DATE on _____, 2002, Avishai Haim Hochberg INVENTOR

CITY (5) at _____ SIGNATURE
DATE on _____, 2002, Michael Allen Kaczmariski INVENTOR

CITY (6) at _____ SIGNATURE
DATE on _____, 2002, James Patrick Smith INVENTOR

CITY (7) at Endicott NY SIGNATURE
DATE on 4-8, 2002, Chris Zaremba Christopher Zaremba INVENTOR
c2 4/8/02