

Atty. Docket No. CH920030079US1

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

1. Name of conveying party(ies):

Marcel Waldvogel
Roman A. Pletka

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

3. Nature of conveyance:

 X Assignment

Execution Date(s): March 31, 2005 and April 6, 2005.

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

Name: International Business Machines Corporation
Address: New Orchard Road
Armonk, NY 10504

Additional name(s) & addresses attached? Yes X No

4. Patent Application number(s)

11/079,554 Filed March 14, 2005

Execution Date(s): March 31, 2005 and April 6, 2005..

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

Name: Louis P. Herzberg
Address: IBM Corporation
Intellectual Property Law Dept.
P.O. Box 218
Yorktown Heights, NY 10598

6. Total number of applications involved: 1

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

 X Charge to Deposit Account No.:
09-0468

DO NOT USE THIS SPACE

8. 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 original document.

Louis P. Herzberg (Reg. No. 41,500)
Name of Person Signing

Louis Herzberg
Signature

May 3, 2005
Date

Total Number of pages including cover sheet, attachments, and document: 3

DO NOT DETACH THIS PORTION

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

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

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.

PATENT

700176048

REEL: 016187 FRAME: 0817

CH \$40.00 090468 11079664

(JOINT FORM)

(IBM Docket) CH920030079US1

Page 1

Assignment

Whereas, we

INVENTOR AND CITY (1) Marcel Waldvogel of Stein am Rhein Switzerland

INVENTOR AND CITY (2) Roman A. Pletka of Horgen Switzerland

TITLE have invented certain improvements in
SEARCHING A RANGE IN A SET OF VALUES IN A NETWORK WITH DISTRIBUTED STORAGE ENTITIES

DATES THAT INVENTORS EXECUTED THE DECLARATION and executed, respectively, a United States patent application therefor on
 (1) *March 31st* 2005 and (2) *April 6th* 2005.

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 inventions set forth in said applications 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.

Signed and sealed

CITY AND DATE (1) at *Stein am Rhein* on *March 31st* 2005,

CITY AND DATE (2) at *Rüschlikon* on *April 6th* 2005,

Marcel Waldvogel SIGNATURE
 Marcel Waldvogel
 FIRST NAME MIDDLE INITIAL LAST NAME

R. Pletka SIGNATURE
 Roman A. Pletka
 FIRST NAME MIDDLE INITIAL LAST NAME