Atty. Docket No. JP920020196US1

RECORDATION FORM COVER SHEET PATENTS ONLY

Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): KIYONKUNI KAWACHIYA, AKIRA KOSEKI, TAMIYA ONODERA Additional name(s) of conveying party(ies) attached?Yes _X_No 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 3. Nature of conveyance: X Assignment Louis P. Herzeberg Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10595 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 (Req. No. 41,502) Journal Heryes Total Number of pages including cover sheet, attachments, and document: 2. Name and address of receiving party(les): Name: International Business Machines Oreceiving Party(les): Name of receiving Party(les): Name: International Business Machines Oreceiving Party(les): Name: International Busines Party(les): Name: International name(s) & addresses attaches in wolders. Name: International name(s) & addresses attaches?Yes _X.No 2. Nater of corporation Party (les): Name: International suddesses attaches; New Orchard Raders. Name: Internati	To The Honorable Commissions	er of Patents and Trademarks:
MIYONKUNI KAWACHIYA, AKTRA KOSEKI, TAMIYA ONODERA Additional name(s) of conveying party(ies) attached?Yes _X_No 3. Nature of conveyance:	riease record the attached original documents or copy thereof.	
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: X Assignment	KIYONKUNI KAWACHIYA, AKIRA KOSEKI,	party(ies): Name: International Business Machines Corporation Address: New Orchard Road
X Assignment Execution Date(s): October 28, 2003 Execution Date(s): October 28, 200	Additional name(s) of conveying party(ies) attached?Yes _X_No	Additional name(s) & addresses attached? YesX_ No
Execution Date(s): October 28, 2003 Execution Date(s): October 28, 2003 5. Name and address of party to whom correspondence concerning document should be mailed: Name: LOUIS P.HERZBERG Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598 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 gopy of original document. LOUIS P. HERZBERG(Req. No. 41,500) Name of Person Signing Total Number of pages including cover sheet,	3. Nature of conveyance:	4. Patent Application number(s)
Execution Date(s): October 28, 2003 5. Name and address of party to whom correspondence concerning document should be mailed: Name: LOUIS P.HERZBERG Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10596 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(Req. No. 41,500) For Address: Date Total Number of pages including cover sheet,	X Assignment	10/691,717 October 23, 2003
whom correspondence concerning document should be mailed: Name: LOUIS P.HERZBERG Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598 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 Total Number of pages including cover sheet,	Execution Date(s): October 28, 2003	Execution Date(s): October 28, 2003
Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598 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 (Req. No. 41,500) Name of Person Signing Total Number of pages including cover sheet,	whom correspondence concerning	
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(Req. No. 41,500) Name of Person Signing Total Number of pages including cover sheet,	Address: IBM Corporation Intellectual Property Law P.O. Box 218	X Charge to Deposit Account No.:
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 Total Number of pages including cover sheet,	DO NOT USE THIS SPACE	
Correct and any attached copy is a true copy of original document. LOUIS P. HERZBERG (Req. No. 41,500) Forms ferwer March 16,09 Name of Person Signing Signature Date Total Number of pages including cover sheet,	8. Statement and signature.	
	LOUIS P. HERZBERG (Reg. No. 41,500) Journ Herver March 16,04	

DO NOT DETACH THIS PORTION

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

Assistant Commissioner for Patents Box Assignments Alexandria, VA 22313

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

REEL: 014431 FRAME: 0458

(JOINT FORM)

(IBM Docket JP920020196US1)

(MORE THAN TWO)

Page 1 of 1

Assignment

Whereas, we

inventor and City

Kiyonkuni Kawachiya

of Kanagawa-ken and Country of Japan

(2) Akira Koseki

of Kanagawa-ken and Country of Japan

(3) Tamiya Onodera

of Saitama-ken and Country of Japan

have invented certain improvements in

TITLE

EXCLUSION CONTROL

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

DATES THAT (1) Oct. 28, 2003, (2) 0 ct, 29, 2003 and (3) Oct. 28, **INVENTORS**

SIGNED THE DECLARATION

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 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) at Yamato

on Oct 28, 2003. DAT

FIRST NAME MIDDLE INITIAL.

CITY and (2) at (ama To DATE on Oct. 24, 2003,

FIRST NAME

MIDDLE INITIAL

Signed
City and (3) at YAMATO
DATE on OCT 18, 2003,

FIRST NAME MIDDLE INITIAL LAST NAME

PATENT REEL: 014431*FRAME::0459 ***

RECORDED: 03/16/2004