

Atty. Docket No. JP920010087US1

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To The Honorable
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s or copy thereof.

1. Name of conveying party(ies): Tsuyoshi Ide Hideyuki Mizuta Yoichi Taira Akiko Nishikai Additional name(s) of conveying party(ies) attached? Yes <u>X</u> 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 <u>X</u> No	
3. Nature of conveyance: X Assignment <u>12-2-02</u> Execution Date(s): <u>June 25, 2002,</u> <u>June 25, 2002, June 25, 2002 and</u> <u>June 25, 2002.</u>		4. Patent Application number(s) 10/127,102 Execution Date(s): <u>June 25, 2002,</u> <u>June 25, 2002, June 25, 2002 and</u> <u>June 25, 2002.</u>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Derek S. Jennings 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.: <u>09-0468</u>	
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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. <u>Derek S. Jennings (Reg. No. 41,473)</u> <u>[Signature]</u> <u>November 26, 2002</u> Name of Person Signing Signature Date Total Number of pages including cover sheet, attachments, and document: <u>2</u>			

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Assignment

Whereas, we

INVENTOR
AND CITY(1) Tsuyoshi Ide
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AND CITY(4) Akiko Nishikai
Yokohama-shi, Kanagawa-ken,of 4-5-6-603 Higashiyamata, Tsuzuki-ku,
Japan

TITLE

have invented certain improvements in
DISCRETE PATTERNDATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) *Jun 25* 2002, and (2) *June 25* 2002,
(3) *June 25* 2002, and (4) *June 25* 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;

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 *Yamato*
on *Jun 25* 2002,

Tsuyoshi Ide SIGNATURE
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