RECORE DEPARTMENT OF COMMERCE Form **PTO-1595** U.S. Patent and Trademark Office (Rev. 10/02) 102731049 OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇒ ⇒ ⇒ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies): Name: NTERNATIONAL BUSINESS MACHINES CORPORATION ERIK ALTMAN, MICHAEL KARL GSCHWIND, JUDE A. RIVERS, SUMEDH WASUDEO SATHAYE, JOHN-DAVID WELLMAN and VICTOR ZYUBAN Internal Address: ___ Additional name(s) of conveying party(ies) attached? The Yes Mo 3. Nature of conveyance: Assignment Merger Street Address: Security Agreement La Change of Name Other City:_ARMONK State: NY Zip: 10504 Execution Date: APRIL 21, 2004 Additional name(s) & address(es) attached? 📮 Yes 🍒 No 4. Application number(s) or patent number(s): APRIL 21, 2004 If this document is being filed together with a new application, the execution date of the application is:__ B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: KEUSEY, TUTUNJIAN & BITETTO, P.C. 7. Total fee (37 CFR 3.41)......\$_40.00 Enclosed Internal Address:_____ Authorized to be charged to deposit account **SUITE 128**

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14 VANDERVENTER AVENUE

Washington, D.C. 20231

PATENT

REEL: 015250 FRAME: 0969

(IBM Docket) YOR920040015US1 (163-29)

Assignment

Whereas, I/we

INVENTOR AND CITY	(1) Erik Altman County of Fairfield	of Danbury and State of Connecticut
INVENTOR AND CITY	(2) Michael Karl Gschwind County of Westchester	of Chappaqua and State of New York
INVENTOR AND CITY	(3) Jude A. Rivers County of Westchester	of Cortlandt Manor and State of New York
INVENTOR AND CITY	(4) Sumedh Wasudeo Sathaye County of Dutchess	of Lagrangeville and State of New York
INVENTOR AND CITY	(5) John-David Wellman County of Dutchess	of Hopewell Junction and State of New York
INVENTOR AND CITY	(6) Victor Zyuban County of Westchester	of Yorktown Heights and State of New York

have invented certain improvements in

TITLE

SYSTEM AND METHOD OF EXECUTION OF REGISTER POINTER INSTRUCTIONS AHEAD OF INSTRUCTION ISSUE

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on (1) April 21, 2004; (2) April 21, 2004;

(3) April 21, ,2004; (4) April 21, 2004; (5) April 21, 2004 and (6) April 21, 2004.

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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PATENT REEL: 015250 FRAME: 0970

(IBM Docket) YOR920040015US1 (163-29)

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	(1) at _	York
----------	----------	------

(1) at Yorktown Heights

DATE

on April 21, 2004,

SIGNATURE

(Erik Altman) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

14 21

DATE

SIGNATURE

on Ap 2 2004,

(Michael Karl Gschwind) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(3) at Yorkhum Heights

DATE

on April 21, 2004.

SIGNATURE

- Judelli VKS

(Jude A. Rivers) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

2 of 3

PATENT REEL: 015250 FRAME: 0971 (IBM Docket) YOR920040015US1 (163-29)

CITY AND

(4) at York town Heights

DATE

on April 21, 2004.

SIGNATURE

(Sumedh Wasudeo Sathaye) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(5) at Yorktown Heights

DATE

on APRIL 21 2004.

SIGNATURE

John-David Wellman) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND

(6) at Yorktown Keights

DATE

on April 21

2004,

SIGNATURE

Victor Zyuban) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

3 of 3

PATENT REEL: 015250 FRAME: 0972