

OVER SHEET LY

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To The Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): John A.Fifield Robert H. Dennard Name: International Business Russell J. Houghton Machines Corporation Toshiaki Kirihata Address: New Orchard Road Wing Luk Armonk, NY 10504 Additional name(s) of conveying Additional name(s) & addresses party(ies) attached? Yes X No. attached? \_\_\_ Yes \_\_X No 3. Nature of conveyance: 4. Patent Application number(s) X Assignment (to be assigned) //2Execution Date(s): 07/10/2001, Execution Date(s): 07/10/2001 06/29/2001, 07/10/2001, 07/16/2001 06/29/2001, 07/10/2001, 07/16/2001 06/26/2001 06/26/2001 5. Name and address of party to 6. Total number of applications whom correspondence concerning involved: 1 document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: George Sai-Halasz Gddress: 145 Fernwood Drive X Charge to Deposit Account No.: East Greenwich, RI 02818 50-0510 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 dogument George Sai-Halasz (Reg. No. 45, 430) Name of Person Signing Total Number of pages including cover sheet, attachments, and document: DO NOT DETACH THIS PORTION Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents

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**PATENT** REEL: 012073 FRAME: 0192 :02 4018851046

(JOINT FORM)
(FIVE INVENTORS)

Whereas, we

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## Assignment

## INVENTOR (1) John A. Fifield of Underhill AND CITY County of Chittenden and State of Vermont INVENTOR (2) Robert H. Dennard of New Rochelle AND CITY County of Westchester and State of New York INVENTOR (3) Russell J. Houghton of Essex Junction AND CITY County of Chittenden and State of Vermont INVENTOR (4) Toshiaki Kirihata of Poughkeepsie AND CITY County of Dutchess and State of New York INVENTOR (5) Wing Luk of Chappaqua County of Westchester and State of New York AND CITY have invented certain improvements in TITLE SENSE AMPLIFIER THRESHOLD COMPENSATION and executed, respectively, a United States nonprovisional patent application $\frac{1}{2}$ (herefor on (1) $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ and (2) $\frac{1}{2}$ $\frac{1}{2}$ and (3) DATES THAT 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 filling 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.

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(JOINT FORM) (FIVE INVENTORS)

Docket YOR920010028USI

## Assignment

## SENSE AMPLIFIER THRESHOLD COMPENSATION

Signed and sealed (1) at lepsen SCT VT on 7/10/01 CITYAND DATE

SIGNATURE INVENTOR

Signed and sealed

CITY AND DATE

MIDDLE INITIAL

SIGNATURE INVENTOR

Signed and sealed

CITYAND DATE

(3) at Essex Jet., UT 7/10/01

SIGNATURE INVENTOR

Signed and scaled

CITY AND DATE

(Toshiaki Kirihata) FIRST NAME MIDDLE INITIAL

SIGNATURE INVENTOR

Signed and sealed

CITY AND DATE

Yorktorm Heights NY

6,/26/200/ Wing Luk)

(Wing Luk)

SIGNATURE INVENTOR

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RECORDED: 07/27/2001