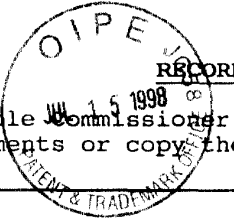Form PTO-1595

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U.S. Department of Commerce
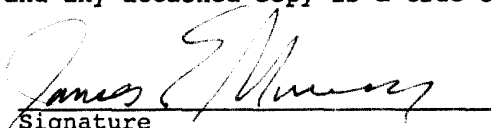
NTS ONLY

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

MRD 7-15-98

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
a) Noriko Imoto g) _____ b) _____ h) _____ c) _____ i) _____ d) _____ j) _____ e) _____ k) _____ f) _____ l) _____	Name: INTERNATIONAL BUSINESS MACHINES CORPORATION Address: Old Orchard Road Armonk, NY 10504
More names attached? __ Y x N	More names attached? __ Y x N

3. Nature of Conveyance: x Assignment

4. Application number: 09/092,700   Filed: 6/5/98
   Filed with new application: ___ yes ___ no

   Execution date(s):

   a) 7/7/98   g) _____
   b) _____   h) _____
   c) _____   i) _____
   d) _____   j) _____
   e) _____   k) _____
   f) _____   l) _____

   Additional numbers attached? __ Y x N

5. Name and address of party to whom correspondence concerning document should be mailed: Name: James E. Murray 50 southwoods Drive Poughkeepsie, N.Y. 12601 , (Yorktown Hgts)	6. Total # of applications and patents involved: 01
	7. Total fee (37 CFR 3.41): $ 40.00 .
	8. Charge to Deposit Account 50-0510/IBM . A duplicate copy is enclosed.

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9.   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 the original document.

James E. Murray _____   _____   7/13/98
                                  Signature   Date

Total number of pages including cover sheet, attachments, and document: _____

Express Mail Label No. (if applicable): _____   Docket No.:

A S S I G N M E N T

Whereas, we

    (1)   Noriko Imoto   of Kanagawa-ken
        County of   and State of   JAPAN

    (2)   of
        County of   and State of

    (3)   of
        County of   and State of

    (4)   of
        County of   and State of

    (5)   of
        County of   and State of

    (6)   of
        County of   and State of

    (7)   of
        County of   and State of

    (8)   of
        County of   and State of

    (9)   of
        County of   and State of

    (10)   of
        County of   and State of

have invented certain improvements in Character Data Input Apparatus & Method Thereof which was filed in the U.S. Patent Office on 6/5/98 and received Serial No. 09/092,700.
and executed a United States Patent Application therefor on

(1)___7/7/98___, (2)_____, (3)_____.

(4)_____, (5)_____, (6)_____.

(7)_____, (8)_____, (9)_____.

(10)_____.

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 the 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 Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1)   at
       on   YAMATO 07/07/98   _David Out_____

(2)   at
       on _____   _____

(3)   at
       on _____   _____

(4)   at
       on _____   _____

(5)   at
       on _____   _____

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(10)   at
       on _____   _____