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To the Assistant Commissioner for Patents: Please record the attached original document(s) or copy thereof: 1. Name of conveying party(ies): 2. Name and address of receiving party: Masato Anzai INTERNATIONAL BUSINESS Yoshinari Toyosato MACHINES CORPORATION New Orchard Road Armonk, New York 10504 Additional name(s) & address(es) attached? Yes XXX No 3. Nature of conveyance: XXX Assignment Execution Date: July 23, 1999 4. Application or patent number(s): If this document is being filed together with a new application, the execution date of the application is July 23, 1999 B. Patent No.(s): A. Patent Application No.(s): 5. Name and address of party to whom 6. Total number of applications and patents correspondence concerning document should be involved: \_1\_ mailed: 7. Total fee (37 CFR 3.41): \$ 40.00 Anthony N. Magistrale INTERNATIONAL BUSINESS MACHINES CORP. X Authorized to be charged to deposit account Personal Systems Group IPLaw Dept. Dept. 9CCA/Bldg. 002-2 8. Deposit account number: 09-1990 P. O. Box 12195 Research Triangle Park, NC 27709 (Duplicate copy of this sheet is attached) DO NOT USE THIS SPACE 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. Anthony N. Magistrale Name of Person Signing Total number of pages including cover sheet, attachments and document: 2

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> PATENT REEL: 010178 FRAME: 0873

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## **ASSIGNMENT**

Whereas, we,		
Masato Anzai	of Japar	ı,
Yoshinari Toyosato	of Japar	n,
have invented certain improvements in		
PORTABLE ELECTRONIC DEVICE		
and executed a United States patent application therefor on the following date(s):		
23/742/199	, and <b>(2)</b>	<u> 23/JUL/199</u> ; and
place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the 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 acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on the 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.		
LOCATION	DATE	SIGNATURE
Yamato	23/JUL/199 23/JUL/199	Masato Cinzai  Masato Anzai  Yoshinari Toyosato  Yoshinari Toyosato
	Yoshinari Toyosato  ented certain improvements in  PORT  cuted a United States patent applica  23/744/99  Whereas, INTERNATIONAL BUSII business at Armonk, New York 10 in the application and invention, and Now therefore, for a valuable consist acknowledge our prior existing oblique the entire right, title and interest in countries, and all rights of priority resioner of Patents to issue any Letter ors and assigns; and we hereby agute all papers necessary in connection.  Indicated the control of the countries of Patents to issue any Letter ors and assigns; and we hereby agute all papers necessary in connection.  Indicated the control of the countries of Patents to issue any Letter ors and assigns; and we hereby agute all papers necessary in connection.  Indicated the control of the countries of Patents to issue any Letter ors and assigns; and we hereby agute all papers necessary in connection.  Indicated the control of the countries of Patents to issue any Letter ors and assigns; and we hereby agute all papers necessary in connection.  Indicated the control of the countries of Patents to issue any Letter ors and assigns; and we hereby agute all papers necessary in connection.	Masato Anzai of Japar  Yoshinari Toyosato of Japar  ented certain improvements in  PORTABLE ELECTRONIC  cuted a United States patent application therefor on the followard of the policy