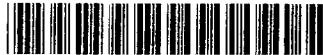


08-03-2001

PATENT

In place of Form PTO-1595



DOCKET NUMBER: RPS9200000402US2

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101799926

HEET - PATENTS

To the Assistant Commissioner for Patents: Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies):

John Peter Karidis  
Noboru Kamijo  
Susan Sommers Moffatt

Execution Dates

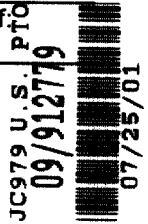
July 19, 2001  
July 9, 2001  
July 24, 2001

2. Name and address of receiving party:

INTERNATIONAL BUSINESS  
MACHINES CORPORATION  
New Orchard Road  
Armonk, New York 10504

Additional name(s) & address(es) attached?

Yes  No



3. Nature of conveyance: XXX Assignment Execution Date: July 19, 2001, July 9, 2001, July 24, 2001

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 19, 2001, July 9, 2001, July 24, 2001

A. Patent Application No.(s):

09912779

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed:

CUSTOMER NO: 25299  
INTERNATIONAL BUSINESS MACHINES CORP.

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Authorized to be charged to deposit account

8. Deposit account number: 09-1990

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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.

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Name of Person Signing

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Date

Total number of pages including cover sheet, attachments and document: 3

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Assistant Commissioner For Patents  
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PATENT  
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## ASSIGNMENT

Whereas, we,

- |     |   |   |
|-----|---|---|
| (1) | John Peter Karidis<br>County of Westchester | of Ossining<br>and State of New York          |
| (2) | Noboru Kamijo<br>City of Fujisawa-shi       | of Kanagawa-ken<br>and Country of Japan       |
| (3) | Susan Sommers Moffatt<br>County of Orange   | of Chapel Hill<br>and State of North Carolina |

have invented certain improvements in

**PERSONAL COMMUNICATION DEVICE HAVING A BUILT-IN PROJECT DISPLAY**


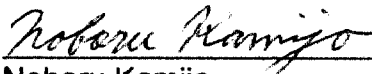

and executed a United States patent application thereof on the following date(s):

- (1) July 19, 2001 and, (2) July 9, 2001  
(3) July 24, 2001 and,

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 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 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 Letter Patents 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 Letter 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.

Signed and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>SOMERS, NY</u>	<u>JULY 19, 2001</u>	 John Peter Karidis
(2)	<u>Yamato</u>	<u>July 9, 2001</u>	 Noboru Kamijo
(3)	<u>RTP, NC</u>	<u>July 24, 2001</u>	 Susan Sommers Moffatt