

PATENT

In place of Form PTO-1595

Attorney Docket Number: RPS920030118US1

RECORDATION FORM COVER SHEET - PATENTS

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

1. Conveying party data and execution dates of Assignment:

<b>DARYL CARVIS CROMER</b>	<b>January 20, 2004</b>
<b>KAZUO FUJII</b>	<b>January 20, 2004</b>
<b>RONALD JOHN GRIFFITHS, JR.</b>	<b>January 16, 2004</b>
<b>MASAHARU ITOH</b>	<b>January 20, 2004</b>
<b>PHILIP JOHN JAKES</b>	<b>January 20, 2004</b>
<b>KOZO MATSUNAGA</b>	<b>January 22, 2004</b>
<b>MASAKI OIE</b>	<b>February 5, 2004</b>

2. Receiving party data:

International Business Machines Corporation	Additional names & addresses attached?
New Orchard Road; Armonk, NY 10504	Yes      No      X

3. Nature of conveyance: Assignment of Assignor's Interest.

4. Patent Application Number: **10/681,006**

5. Address to where correspondence concerning document should be mailed:

CUSTOMER NUMBER 25299 IBM Corporation Dept. 9CCA/002 P.O. Box 1219 Research Triangle Park, NC 27709-2195	or faxed to (919) 254-2649
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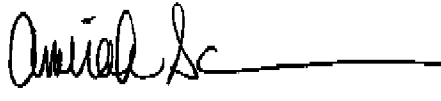
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$40.00.

8.  The Commissioner is hereby authorized to charge the fee to deposit account number 09-1990.

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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.

Amirah Scarborough Name of person signing	 Signature	February 20, 2004 Date
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Total number of pages including cover sheet, attachments and documents: 6

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Division; Commissioner for Patents; P.O. Box 1450; Alexandria, VA 22313-1450

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PATENT  
REEL: 014358 FRAME: 0538

CH \$40.00 091990 10681006

**PATENT****ASSIGNMENT**

Whereas, I/ we,

- |     |   |   |
|-----|---|---|
| (1) | <b>DARYL CARVIS CROMER</b><br>County of Wake        | City of Apex<br>State of North Carolina     |
| (2) | <b>KAZUO FUJII</b><br>Country of JAPAN              | City of Midori ku<br>State of Kanagawa      |
| (3) | <b>RONALD JOHN GRIFFITHS, JR.</b><br>County of Wake | City of Raleigh<br>State of North Carolina  |
| (4) | <b>MASAHARU ITOH</b><br>Country of JAPAN            | City of Yamato-shi<br>State of Kanagawa-ken |
| (5) | <b>PHILIP JOHN JAKES</b><br>County of Durham        | City of Durham<br>State of North Carolina   |
| (6) | <b>KOZO MATSUNAGA</b><br>Country of JAPAN           | City of Midori ku<br>State of Kanagawa      |
| (6) | <b>MASAKI OIE</b><br>Country of JAPAN               | City of Sagamihara-shi<br>State of Kanagawa |

have invented certain improvements in

Title:

**CRUABLE U-NII WIRELESS RADIO WITH SECURE, INTEGRAL, ANTENNA CONNECTION VIA SM BIOS IN U-NII WIRELESS READY DEVICE**

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

- |     |                                    |     |                                    |
|-----|------------------------------------|-----|------------------------------------|
| (1) | <u>January 20, 2004,</u><br>(Date) | (5) | <u>January 20, 2004,</u><br>(Date) |
| (2) | <u>January 20, 2004,</u><br>(Date) | (6) | <u>January 22, 2004,</u><br>(Date) |
| (3) | <u>January 16, 2004,</u><br>(Date) | (7) | <u>February 5, 2004,</u><br>(Date) |
| (4) | <u>January 20, 2004,</u><br>(Date) |     |                                    |

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, I/we, the above named, hereby acknowledge my/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 I/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 I/we hereby agree that IBM may apply for foreign Letters Patent on the invention and I/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>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	<u>DARYL CARVIS CROMER</u>
(2)	<u>Yamato/Kanagawa</u>	<u>2004/1/20</u>	<u>Kazuo Fujii</u> KAZUO FUJII
(3)	_____	_____	<u>RONALD JOHN GRIFFITHS, JR.</u>
(4)	<u>Yamato/Kanagawa</u>	<u>2004/1/20</u>	<u>Masaharu Itoh</u> MASAHARU ITOH
(5)	_____	_____	<u>PHILIP JOHN JAKES</u>
(6)	<u>Yamato/Kanagawa</u>	<u>2004/1/22</u>	<u>Kozo Matsunaga</u> KOZO MATSUNAGA
(7)	<u>Machida/Tokyo</u>	<u>2004/2/15</u>	<u>Masaki Oie</u> MASAKI OIE

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby acknowledge my/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 I/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 I/we hereby agree that IBM may apply for foreign Letters Patent on the invention and I/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>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	_____ <b>DARYL CARVIS CROMER</b>
(2)	_____	_____	_____ <b>KAZUO FUJII</b>
(3)	<u>Raleigh, NC</u>	<u>01/16/04</u>	<u><i>Ronald J. Griffiths, Jr.</i></u> <b>RONALD JOHN GRIFFITHS, JR.</b>
(4)	_____	_____	_____ <b>MASAHARU ITOH</b>
(5)	_____	_____	_____ <b>PHILIP JOHN JAKES</b>
(6)	_____	_____	_____ <b>KOZO MATSUNAGA</b>
(7)	_____	_____	_____ <b>MASAKI OIE</b>