

PATENT

In place of Form PTO-1595

Attorney Docket Number: RPS920030134US1

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:

YUSEFF ABDELILAH	February 5, 2004
BARTHOLOMEW BLANER	February 6, 2004
GORDON TAYLOR DAVIS	February 4, 2004
JEFFREY HASKELL DERBY	February 4, 2004
JOSEPH FRANKLIN GARVEY	February 3, 2004
MALCOLM SCOTT WARE	February 3, 2004
HUA YE	February 4, 2004

2. Receiving party data:

International Business Machines Corporation	Additional names & addresses attached?
New Orchard Road; Armonk, NY 10504	Yes No <input checked="" type="checkbox"/>

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

4. Patent Application Number: 10/783,757

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	June 14, 2004 Date
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Total number of pages including cover sheet, attachments and documents: 10

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: 014728 FRAME: 0152

CH \$40.00 091990 10783757

RPS920030134US1

PATENT**ASSIGNMENT**

Whereas, I/ we,

- | | |
|---|--|
| (1) YOUSEFF ABDELILAH
County of Wake | City of Holly Springs
State of North Carolina |
| (2) BARTHOLOMEW BLANER
County of Chittenden | City of Underhill Center
State of Vermont |
| (3) GORDON TAYLOR DAVIS
County of Chatham | City of Chapel Hill
State of North Carolina |
| (4) JEFFREY HASKELL DERBY
County of Orange | City of Chapel Hill
State of North Carolina |
| (5) JOSEPH FRANKLIN GARVEY
County of Wake | City of Cary
State of North Carolina |
| (6) MALCOLM SCOTT WARE
County of Wake | City of Raleigh
State of North Carolina |
| (7) HUA YE
County of Durham | City of Durham
State of North Carolina |

have invented certain improvements in

Title:

FACILITATING INTER-DSP DATA COMMUNICATIONSand executed a United States patent application therefor on the following **date(s)**:

- | | |
|--|--|
| (1) <u>February 5, 2004</u>
(Date) | (5) <u>February 3, 2004</u>
(Date) |
| (2) <u>February 6, 2004</u>
(Date) | (6) <u>February 3, 2004</u>
(Date) |
| (3) <u>February 4, 2004</u>
(Date) | (7) <u>February 4, 2004</u>
(Date) |
| (4) <u>February 4, 2004</u>
(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;

1/8

RPS920030134US1

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:

CITY/STATEDATESIGNATURE(1) Holly Springs/NC 02/05/04
YOUSEFF ABDELILAH

(2) _____

BARTHOLOMEW BLANER

(3) _____

GORDON TAYLOR DAVIS

(4) _____

JEFFREY HASKELL DERBY

(5) _____

JOSEPH FRANKLIN GARVEY

(6) _____

MALCOLM SCOTT WARE

(7) _____

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Signed and sealed:

CITY/STATE**DATE****SIGNATURE**

(1)

YOUSEFF ABDELILAH

(2)

Essex Junction, VT 2/6/2004Bartholomew Blaner
BARTHOLOMEW BLANER

(3)

GORDON TAYLOR DAVIS

(4)

JEFFREY HASKELL DERBY

(5)

JOSEPH FRANKLIN GARVEY

(6)

MALCOLM SCOTT WARE


(7)

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Signed and sealed:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	<u>YOUSEFF ABDELILAH</u>
(2)	_____	_____	<u>BARTHOLOMEW BLANER</u>
(3)	<u>RTP, NC</u>	<u>02/04/2004</u>	<u></u> <u>GORDON TAYLOR DAVIS</u>
(4)	_____	_____	<u>JEFFREY HASKELL DERBY</u>
(5)	_____	_____	<u>JOSEPH FRANKLIN GARVEY</u>
(6)	_____	_____	<u>MALCOLM SCOTT WARE</u>
(7)	_____	_____	<u>HUA YE</u>

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	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	<u>YOUSEFF ABDELILAH</u>
(2)	_____	_____	<u>BARTHOLOMEW BLANER</u>
(3)	_____	_____	<u>GORDON TAYLOR DAVIS</u>
(4)	<u>RTP, NC</u>	<u>2/4/04</u>	<u>JEFFREY HASKELL DERBY</u>
(5)	_____	_____	<u>JOSEPH FRANKLIN GARVEY</u>
(6)	_____	_____	<u>MALCOLM SCOTT WARE</u>
(7)	_____	_____	<u>HUA YE</u>

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	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	_____ YOUSEFF ABDELILAH
(2)	_____	_____	_____ BARTHOLOMEW BLANER
(3)	_____	_____	_____ GORDON TAYLOR DAVIS
(4)	_____	_____	_____ JEFFREY HASKELL DERBY
(5)	<u>Cary NC</u>	<u>3 Feb 2004</u>	<u>Joseph Franklin Garvey</u> JOSEPH FRANKLIN GARVEY
(6)	_____	_____	_____ MALCOLM SCOTT WARE
(7)	_____	_____	_____ HUA YE

6/8

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(1)	_____	_____	<u>YUSEFF ABDELILAH</u>
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(3)	_____	_____	<u>GORDON TAYLOR DAVIS</u>
(4)	_____	_____	<u>JEFFREY HASKELL DERBY</u>
(5)	_____	_____	<u>JOSEPH FRANKLIN GARVEY</u>
(6)	<u>RTP, Ne</u>	<u>2/3/04</u>	<u><i>Malcolm Scott Ware</i></u> MALCOLM SCOTT WARE
(7)	_____	_____	<u>HUA YE</u>

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(2)	_____	_____	_____ BARTHOLOMEW BLANER
(3)	_____	_____	_____ GORDON TAYLOR DAVIS
(4)	_____	_____	_____ JEFFREY HASKELL DERBY
(5)	_____	_____	_____ JOSEPH FRANKLIN GARVEY
(6)	_____	_____	_____ MALCOLM SCOTT WARE
(7)	<u>Durham / NC</u>	<u>Feb. 04, 2004</u>	<u></u> HUA TE

8/8

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RECORDED: 06/14/2004

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