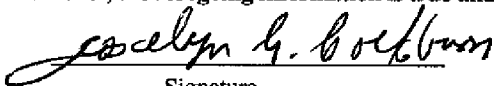


FORM PTO-1595
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To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. Name of conveying party(ies): 1) Hayden C. CRANFORD, Jr. 2) Marcel A. KOSSEL 3) Vernon R. NORMAN 4) Martin L. SCHMATZ Additional names of conveying party(ies) attached? yes <input checked="" type="checkbox"/> no | | 2. Name and address of receiving party(ies): Name: <u>INTERNATIONAL BUSINESS MACHINES CORPORATION</u> Internal Address: A New York corporation Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u> Additional name(s) & address(es) attached? yes no | |
| 3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other | | | |
| Execution Date: 1) March 30, 2004 4) Feb. 9, 2004 2) Feb. 9, 2004 3) March 30, 2004 | | | |
| 4. Application number(s) or patent number(s): Title: Method for Determining Jitter of a Signal in a Serial Link and High Speed Serial Link If this document is being filed together with a new application, the execution date of the application : A. Patent Application No(s). 10/720974 B. Patent No(s). Additional numbers attached? Yes No | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: JOSCELYN G. COCKBURN IBM Corporation Dept. 9CCA/B002 3039 Cornwallis Road Research Triangle Park, NC 27709 FAX: 919-254-2649 | | 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): \$ <u>40.00</u> Enclosed Authorized to be charged to deposit account x Total fee due x Any deficiencies in the enclosed fees 8. Deposit account number: <u>09-1990</u> (Attach duplicate copy of this page if paying by deposit account) | |
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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. Joscelyn G. Cockburn  <u>MARCH 30, 2004</u> Name of Person Signing Signature Date Reg. No. 27,069 Tel: <u>919-543-9036</u> | | | |
| Total number of pages comprising transmittal: <u>3</u> | | | |

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-1-

PATENT**ASSIGNMENT**

Whereas, I/ we,

Hayden C. Cranford, Jr.
County of WakeCity of Cary
State of North Carolina**Marcel A. Kossel**

of Zurich, Switzerland

Vernon R. Norman
County of WakeCity of Cary
State of North Carolina**Martin L. Schmatz**

of Rueschlikon, Switzerland

have invented certain improvements in

Title: **METHOD FOR DETERMINING JITTER OF A SIGNAL IN A SERIAL
LINK AND HIGH SPEED SERIAL LINK**

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

(1) 3/30/04, (2) Feb. 9, 2004,
(3) Mar 30, 2004, (4) Feb. 9, 2004, 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, 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>LOCATION</u> | <u>DATE</u> | <u>SIGNATURE</u> |
|-----------------|-----------------------|-----------------------------------------------------------|
| <u>RTP, NC</u> | <u>March 30, 2004</u> | <u>Hayden C. Cranford, Jr.</u> Hayden C. Cranford, Jr. |
| <u>Zurich</u> | <u>Feb/09/2004</u> | <u>M. Kossel</u> Marcel A. Kossel |
| <u>RTP, NC</u> | <u>Mar 30, 2004</u> | <u>Vernon R. Norman</u> Vernon R. Norman |
| <u>Zurich</u> | <u>Feb 10 9/2004</u> | <u>M. Schmatz</u> Martin L. Schmatz |