

06-05-2008

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Form PTO-1595  
(Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)



To the Honorable Commissioner of

103506967

original documents or copy thereof

1. Name and address of conveying party(ies):

(1) Huihao Xu (4) Michael A. Soma  
2253 East 27th Street 29 Blackberry Way  
Brooklyn, NY 11229 Hopewell Junction, NY 12533

(2) Joseph Natonio  
615 Hillside Lake Rd.  
Wappingers Falls, NY 12590

(3) James D. Rockrohr  
21 Pleasant Hill Rd.  
Hopewell Junction, NY 12533

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 22, 2008

2. Name and address of receiving party(ies)

International Business Machines  
Name: Corporation

Internal Address:  
Street Address:

New Orchard Road

City: Armonk

NY Zip: 10504

Additional name(s) & address(es) attached: ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is:  
May 22, 2008.

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Yuanmin Cai

IBM Corporation

Street Address:

IPLaw Dept 18G  
Bldg 321 Zip 482  
2070 Route 52

Docket No. FIS920040421US2

City: Hopewell Junction State: NY Zip: 12533

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
☐ Enclosed  
☒ Authorized to be charged to deposit account  
☐ Authorized to be charged to credit card  
(Form 2038 enclosed)

09-0458

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

06/04/2008 DRYNE 00000040 090458 12154796

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.

Daryl K. Neff

Name of Person Signing

Signature

May 27, 2008  
Date

Total number of pages including cover sheet, attachments, and documents: 6

Express Mail Label: (if applicable) EQ588978177US Docket No. FIS920070026US2

PATENT  
REEL: 021060 FRAME: 0861

**ASSIGNMENT**

Whereas, we

Huihao Xu, of Brooklyn, County of Kings and State of New York;  
Joseph Natonio, of Wappingers Falls, County of Dutchess and State of New York;  
James D. Rockrohr, of Hopewell Junction, County of Dutchess and State of New York; and  
Michael A. Sorna, of Hopewell Junction, County of Dutchess and State of New York.

have invented certain Improvements in

**DESIGN STRUCTURE FOR OUT OF BAND SIGNALING ENHANCEMENT  
FOR HIGH SPEED SERIAL DRIVER**


and executed, respectively, a United States patent application therefor on

May 22, 2008; May 22, 2008; May 22, 2008; and  
May 22, 2008; .


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 said 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 sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said 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.

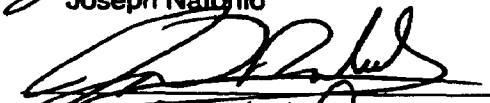
Signed and sealed

  
Huihao Xu

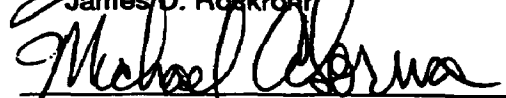
on May 22, 2008.

  
Joseph Natonio

on May 22, 2008.

  
James D. Rockrohr

on MAY 22, 2008.

  
Michael A. Sorna

on May 22, 2008.