

03-29-2002

U.S. Department of Commerce



- PATENTS ONLY

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ks. Please record the attached

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03/12/02

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1. Name of conveying party(ies):

a) Jonathan Y. Chen g) _____
 b) Frank D. Ferraiolo h) _____
 c) Kevin C. Gower i) _____
 d) Patrick J. Meaney j) _____
 e) William J. Scarpero, Jr. k) _____
 f) _____ l) _____

More names attached? Y N

2. Name and address of receiving party(ies):

Name: INTERNATIONAL BUSINESS MACHINES CORPORATION
 Address: New Orchard Road
 Armonk, NY 10504

More names attached? Y N

3. Nature of Conveyance: Assignment

4. Application number: _____ Filed: _____
 Filed with new application: yes no

Execution date(s):

a) March 11, 2002 g) _____
 b) March 8, 2002 h) _____
 c) March 12, 2002 i) _____
 d) March 12, 2002 j) _____
 e) March 11, 2002 k) _____
 f) _____ l) _____

Additional numbers attached? Y N

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

Name: Lynn L. Augspurger
 IBM Corporation
 Intellectual Property Law
 2455 South Road, P386
 Poughkeepsie, NY 12601

6. Total # of applications and patents involved: 01

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


8. Charge to Deposit Account 09-0463. A duplicate copy is enclosed.

03/28/2002 DBYRNE 00000046 090463 10096382

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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.

Susan L. Nelson  3/12/02
 _____ Signature _____ Date

Total number of pages including cover sheet, attachments, and document: 5

Express Mail Label No. (if applicable): EU054992012US Docket No.: POU920010141US1

A S S I G N M E N T

Whereas, we

- | | | |
|-----|------------------------------------------------|----------------------------------------------|
| (1) | Jonathan Y. Chen
County of Westchester | of Yorktown Heights
and State of New York |
| (2) | Frank D. Ferraiolo
County of Chittenden | of Essex Junction
and State of Vermont |
| (3) | Kevin C. Gower
County of Dutchess | of LaGrangeville
and State of New York |
| (4) | Patrick J. Meaney
County of Dutchess | of Poughkeepsie
and State of New York |
| (5) | William J. Scarpero, Jr.
County of Dutchess | of Poughkeepsie
and State of New York |

have invented certain improvements in METHOD FOR RECEIVER DELAY DETECTION AND LATENCY MINIMIZATION FOR A SOURCE SYNCHRONOUS WAVE PIPELINED INTERFACE

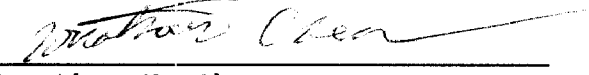
and executed a United States Patent Application therefor on

(1) 3-11-02, (2) _____ (3) 3-12-02.
 (4) 3-12-02 (5) 3-11-02

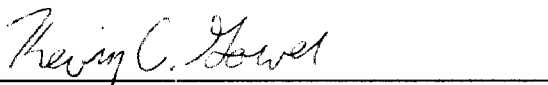
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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 the invention therein disclosed for the United States and 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 Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

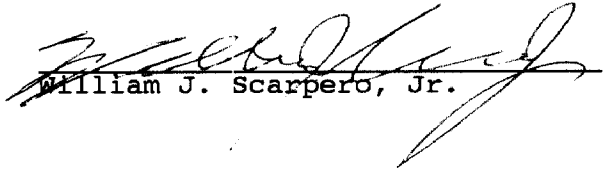
Signed

- (1) at Poughkeepsie, NY
on March 11, 2002

Jonathan Y. Chen

- (2) at _____
on _____
Frank D. Ferraiolo

- (3) at Poughkeepsie, NY
on 3-12-02

Kevin C. Gower

- (4) at Poughkeepsie, NY
on March 12, 2002

Patrick J. Meaney

- (5) at Poughkeepsie, NY
on March 11, 2002

William J. Scarpero, Jr.

IBM Docket No: F0820010143081

A S S I G N M E N T

Whereas, we

- (1) Jonathan Y. Chen of Yorktown Heights
County of Westchester and State of New York
- (2) Frank D. Ferraiolo of Essex Junction
County of Chittenden and State of Vermont
- (3) Kevin C. Gower of LaGrangeville
County of Dutchess and State of New York
- (4) Patrick J. Neaney of Poughkeepsie
County of Dutchess and State of New York
- (5) William J. Scarparo, Jr. of Poughkeepsie
County of Dutchess and State of New York

have invented certain improvements in METHOD FOR RECEIVER DELAY DETECTION AND LATENCY MINIMIZATION FOR A SOURCE SYNCHRONOUS WAVE PIPELINED INTERFACE

and executed a United States Patent Application therefor on

(1) _____, (2) March 8, 2002 (3) _____
(4) _____ (5) _____

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 the invention therein disclosed for the United States and 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 Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

POU920010078US1
PAGE 2

Signed

- (1) at _____
on _____ Jonathan Y. Chen
- (2) at _____
on Essex Junction, VT Frank D. Ferraiolo
March 8, 2002
- (3) at _____
on _____ Kevin C. Gower
- (4) at _____
on _____ Patrick J. Meaney
- (5) at _____
on _____ William J. Scarpero, Jr.