

Docket No.: YOR920000421US1(19694)

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03

## RECORDATION FORM COVER SHEET

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## PATENTS ONLY

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Christopher V. Jahnes  
Satyanarayana V. Nitta  
Kevin S. Petrarca  
Katherine L. Saenger

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: International Business Machines CorporationAddress: New Orchard Road

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_City: Armonk State/Prov.: NYCountry: USA ZIP: 10504Execution Date: April 24, 2006

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.

Filing date

B. Patent No.(s)

11/429,708May 8, 2006

Additional numbers

☐ Yes ☒ No

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

Name: Leslie S. SzivosRegistration No. 39,394Address: SCULLY, SCOTT, MURPHY & PRESSER, P.C.400 Garden City Plaza- Suite 300City: Garden City State/Prov.: NYCountry: USA ZIP: 11530

## 6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0510/IBM

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

## 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.*Leslie S. Szivos

Name of Person Signing

  
SignatureAugust 7, 2006

Date

5

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

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
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P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 018073 FRAME: 0183

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CH \$40.00 500510 11429708

IBM Docket No.: YOR920000421US1  
SSMP: 19694

## ASSIGNMENT

*Whereas, we*

Inventor and City	(1) Christopher V. Jahnes County of Bergen	City of Upper Saddle River and State of New Jersey
and	(2) Satyanarayana V. Nitta County of Dutchess	City of Poughquag and State of New York
and	(3) Kevin S. Petrarca County of Orange	City of Newburgh and State of New York
and	(4) Katherine L. Saenger County of Westchester	City of Ossining and State of New York

have invented certain improvements in

Title MULTILAYER INTERCONNECT STRUCTURE CONTAINING AIR GAPS AND METHOD FOR MAKING

Dates That  
Inventors  
Signed the  
Declaration

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

(1) April 24	2006, and (2)	April 24	2006, and
(3)	2006, and (4)	April 24	2006.

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 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 invention 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.

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## ASSIGNMENT

Whereas, we

Inventor and City	(1) Christopher V. Jahnes County of Bergen	City of Upper Saddle River and State of New Jersey
and	(2) Satyanarayana V. Nitta County of Dutchess	City of Poughquag and State of New York
and	(3) Kevin S. Petrarca County of Orange	City of Newburgh and State of New York
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Declaration and have executed, respectively, a United States patent application therefor on

(1)	2006, and (2)	2006, and
(3) <i>April 24,</i>	2006, and (4)	2006.

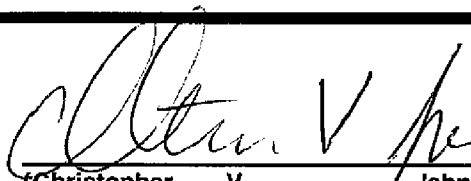
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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 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 invention 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.


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## ASSIGNMENT

City (1) Signed at Yorktown Heights, NY  
Date on April 24, 2006

  
(Christopher V. Jahnes)  
First Name Middle Initial Last Name signature inventor


City (2) Signed at Yorktown Heights, NY  
Date on April 24, 2006

  
(Satyanarayana V. Nitta)  
First Name Middle Initial Last Name signature inventor

City (3) Signed at  
Date on

  
(Kevin S. Petrarca)  
First Name Middle Initial Last Name signature inventor

City (4) Signed at Yorktown Hts, NY  
Date on April 24, 2006

  
(Katherine L. Saenger)  
First Name Middle Initial Last Name signature inventor

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SSMP: 19694

## ASSIGNMENT

City (1) Signed at

Date on

signature  
inventor  
(Christopher V. Jahnes)  
First Name Middle Initial Last Name

City (2) Signed at

Date on

signature  
inventor  
(Satyanarayana V. Nitta)  
First Name Middle Initial Last Name

City *Hopewell, NJ* (3) Signed at  
*New York*

Date *04/24/06* on

signature  
inventor  
(Kevin S. Petrarca)  
First Name Middle Initial Last Name

City (4) Signed at

Date on

signature  
inventor  
(Katherine L. Saenger)  
First Name Middle Initial Last Name

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**FACSIMILE TRANSMISSION**

To: **Assignment Division** Date: August 7, 2006  
Fax #: 571-273-0140 Pages: 7 including fax cover sheet  
From: Leslie S. Szivos, Ph.D.  
Re: Serial No. 11/429,708  
Filed: May 8, 2006  
Docket: YOR920000421US1(19694)

**FACSIMILE Submission of Assignment Documents**

1. Assignment Recordation Cover Sheet (in duplicate)
2. Authorization to charge IBM deposit account \$40.00
3. Executed Assignment

If there are any problems concerning this facsimile, please call (516) 742-4343 and ask for Vivian Henriquez.

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