

07-12-1999

Docket No.: EN9-99-016

FORM PTO-1595 (Modified)
(Rev. 6-93)
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ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101087980

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Miguel A. Jimarez
Ross W. Kessler
Voya R. Markovich
Rajinder S. Rai
Cheryl L. Tytran-Palomaki

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

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

Name: International Business Machines Corporation

Internal Address: _____

Street Address: New Orchard RoadCity: Armonk State: NY ZIP: 10504Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 6/16, 6/21, 6/16, 6/16, 6/18/99

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 6/16, 6/21, 6/16, 6/16, 6/18/99

A. Patent Application No.(s)

B. Patent No.(s)

EN999016

09340758

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael F. Hoffman

Internal Address: _____

Street Address: SCHMEISER, OLSEN & WATTS3 Lear Jet Lane, Suite 201City: Latham State: NY ZIP: 121106. 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:

09-0457 (IBM)

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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.

Lawrence R. Fraley, Reg. No. 26,885

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

PATENT

REEL: 010076 FRAME: 0295

ASSIGNMENT

Whereas, We

(1) Miguel A. Jimarez
County of Tioga

City of Newark Valley
and State of New York

(2) Ross W. Keesler
County of Tioga

City of Owego
and State of New York

(3) Voya R. Markovich
County of Broome

City of Endwell
and State of New York

(4) Rajinder S. Rai
County of Broome

City of Johnson City
and State of New York

(5) Cheryl L. Tytran-Palomaki
County of Tioga

City of Endicott
and State of New York

have invented certain improvements in a:

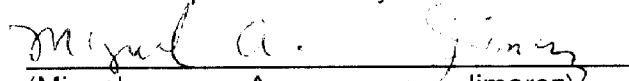
A LAMINATE HAVING PLATED MICROVIA INTERCONNECTS AND METHOD FOR FORMING THE SAME

Dates That and executed, respectively, a United States patent application therefor on
Inventors
Signed the Declaration (1) 6/16/99 1999; (2) 6/21 1999;
(3) 6/16 1999; (4) 6/16 1999; and
(5) 6/18 1999.

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 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 inventions set forth in said applications 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.

(1) at Endicott, NY
on 6/16 1999


(Miguel A. Jimarez)
First Name Middle Last Name

Signature
Inventor

(2) at Endicott NY
on 6, 21 1999

Ross W. Keesler
(Ross) (W.) (Keesler)
First Name Middle Last Name

Signature
Inventor

3) at Endicott
on 6/16 1999

Voyt R. Markovich
(Voyt) (R.) (Markovich)
First Name Middle Last Name

Signature
Inventor

4) at Endicott NY
on 6-16 1999

Rajinder S. Rai
(Rajinder) (S.) (Rai)
First Name Middle Last Name

Signature
Inventor

5) at Endicott, NY
on 6-18, 1999

Cheryl L. Tytran-Palomaki
(Cheryl) (L.) (Tytran-Palomaki)
First Name Middle Last Name

Signature
Inventor