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Form PTO-1595



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U.S. Department of Commerce

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ENTRIES ONLY

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

U.S. PTO  
09/326226  
06/04/99

1. Name of conveying party(ies):

- a) Timothy J. Koprowski g) \_\_\_\_\_
- b) Mary P. Kusko h) \_\_\_\_\_
- c) Richard F. Rizzolo i) \_\_\_\_\_
- d) Peilin Song j) \_\_\_\_\_
- e) \_\_\_\_\_ 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: 09/326226  
Filed with new application:  yes  no

Execution date(s):

- a) June 4, 1999 g) \_\_\_\_\_
- b) June 4, 1999 h) \_\_\_\_\_
- c) June 4, 1999 i) \_\_\_\_\_
- d) June 4, 1999 j) \_\_\_\_\_
- e) \_\_\_\_\_ 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  
522 South Road, M/S P386  
Poughkeepsie NY 12601-5400

6. Total # of applications and patents involved: 01

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

8. Charge to Deposit Account  
09-0463.

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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. Phelps

*Susan Phelps*  
Signature

06/04/99  
Date

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

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01 FC:581 40.00 CH

**ASSIGNMENT**

Whereas, we,

(1) Timothy J. KOPROWSKI  
County of Orange

of Newburgh  
and State of New York

and  
(2) Mary P. KUSKI  
County of Dutchess

of Hopewell Junction  
and State of New York

and  
(3) Richard F. RIZZOLO  
County of Dutchess

of Red Hook  
and State of New York

and  
(4) Peilin SONG  
County of Dutchess

of Wappingers Falls  
and State of New York

have invented certain improvement in

**TECHNIQUE TO DECREASE THE EXPOSURE TIME OF INFRARED IMAGING  
OF SEMICONDUCTOR CHIPS FOR FAILURE ANALYSIS**

and executed a United States patent application therefore on  
(Date Inventor Signed Declaration) (1) 6/4, 1999; and (2) 6/4,  
1999; and (3) 6/4, 1999; and (4) 6/4, 1999.

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 therefore;

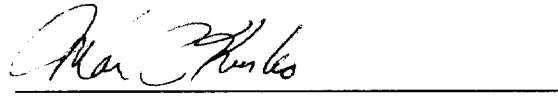
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I 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 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.

(1) Signed at Poughkeepsie, NY on June 4, 1999

  
\_\_\_\_\_  
Timothy J. KOPROWSKI

(2) Signed at Poughkeepsie, NY on June 4, 1999

  
\_\_\_\_\_  
Mary P. KUSKO

(3) Signed at Poughkeepsie, NY on June 4, 1999

  
\_\_\_\_\_  
Richard F. RIZZOLO

(4) Signed at Poughkeepsie, NY on June 4, 1999

  
\_\_\_\_\_  
Peilin SONG