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

1. Name of conveying party(ies):

- (1) James B. Clairmont
- (2) Karen S. Edwards
- (3) Darlene M. Ross
- (4) Florence M. Sears (5) Christopher S. Yager

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

Name: International Business Machines Corporation

Address: New Orchard Road

City: Armonk

State/Prov.: NY

Country: USA

ZIP: 10504

Additional names(s) of conveying party(ies)

Yes  No

MRD 6-1-01

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 5/31/01, 5/31/01, 5/30/01  
5/31/01, 5/31/01

Additional name(s) & address(es)

Yes  No

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

5/31/01, 5/31/01, 5/30/01

If this document is being filed together with a new application, the execution date of the application is: 5/31/01, 5/31/01

Patent Application No.

Filing date

B. Patent No.(s)

09871756

Additional numbers

Yes  No

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

Name: Christopher N. Sears

Registration No. 33,552

Address: McGinn & Gibb, PLLC

8321 Old Courthouse Road

Suite 200

City: Vienna

State/Prov.: VA

Country: USA

ZIP: 22182

6. Total number of applications and patents involved:

1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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09-0456

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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.

Richard M. Kotulak, Reg. No.: 27,712

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Signature

3

Date

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REEL: 011893 FRAME: 0043

## ASSIGNMENT

Whereas, we

### Inventor

(1) James B. Clairmont County of Chittenden	City of Williston and State of Vermont
(2) Karen S. Edwards County of Chittenden	City of Milton and State of Vermont
(3) Darlene M. Ross County of Chittenden	City of Milton and State of Vermont
(4) Florence M. Sears County of Essex	City of Crown Point and State of New York
(5) Christopher S. Yager County of <i>Chittenden</i> <i>CSY</i>	City of Burlington and State of Vermont

have invented certain improvements in

Title **SYSTEM AND METHOD OF PREPARING DATA FOR A SEMICONDUCTOR MASK MANUFACTURER**

Dates That and have executed, respectively, a United States patent application therefor on  
Inventors  
Signed the (1) 5/31 / , 2001 (2) 5/31 , 2001 (3) 5/30 / , 2001  
Declaration (4) 5/31 , 2001 (5) 5/31 , 2001

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.

City Date (1) Signed at Essex Jct., VT  
on 5/31/2001 James B. Clairmont signature inventor  
(James B. Clairmont)  
First Name Middle Initial Last Name

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