



RE IRD 2-5-99

02-19-1999



100967073

E17776445

U.S. DEPARTMENT OF COMMERCE  
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To the Commissioner of Patents and Trademark

Documents or copy thereof.

1. Name of conveying party(ies):  
Xuelong Shi  
  
Mario Nemirovsky  
  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
  
Name: NATIONAL SEMICONDUCTOR CORPORATION  
Internal Address: M/S D3-579  
Street Address: 2900 Semiconductor Drive  
City, State and Zip: Santa Clara, CA 95051-8090

10612 U.S. PTD  
09/245604  
02/05/99

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
  
Execution Date: February 1, 1999

Additional Name(s) & address(es) attached?  
 Yes  No

09/245604

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: February 1, 1999

A. Patent Application No.(s)  
New  
  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
Unknown

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: Michael J. Pollock  
  
Internal Address: Limbach & Limbach L.L.P.  
Street Address: 2001 Ferry Building  
City, State, ZIP: San Francisco, California 94111  
Telephone: (415) 433-4150  
Facsimile: (415) 433-8716  
  
Attorney Docket No. NSC1-F2500 [P04218]

6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41):.....\$ 40.00  
 Enclosed  
 Charge any deficiencies in the enclosed fee to Deposit Account No. 12-1420  
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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.

02/17/1999 DALEXAND 00000009 09245604  
Michael J. Pollock, Reg. No. 29,098  
02 FC:581 Name of Person Signifying **40.00** OP

*Michael J. Pollock* 2-5-99  
Signature Date

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ASSIGNMENT

WHEREAS, I, Xuelong Shi, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PHOTO-ASSISTED POST EXPOSURE BAKE FOR CHEMICALLY AMPLIFIED PHOTORESIST PROCESS

Application Execution Date: February 1, 1999

Filing Date: Herewith

Application No.: New

WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, M/S D3-579, Santa Clara, California 95051-8090, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable considerations, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignor further agrees that he will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

I hereby authorize and request my attorney, Michael J. Pollock, of Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, California 94111-4262, to insert here in parentheses (application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Dated: 2/1/99

Xuelong Shi  
Xuelong Shi

State of CA

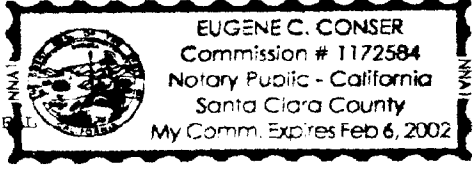
County of Santa Clara

On Feb 1, 1999 before me, Eugene C Conser (Notary)

personally appeared Xuelong Shi, personally known to me or proved to me on the basis of satisfactory evidence to be the person  whose name  is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity , and that by his/~~her/their~~ signature  on the instrument the person , or the entity upon behalf of which the person  acted, executed the instrument.

WITNESS my hand and official seal.

Eugene C Conser  
Signature of Notary



MAY 27 1999  
Limbach & Limbach



**COPY**  
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MAY 14, 1999

PTAS

LIMBACH & LIMBACH L.L.P.  
MICHAEL J. POLLOCK  
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\*100967073A\*

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHI, XUELONG

DOC DATE: 02/01/1999

ASSIGNOR:

~~NEMIROVSKY, MARIO~~

DOC DATE: ~~02/01/1999~~

ASSIGNEE:

NATIONAL SEMICONDUCTOR CORPORATION  
2900 SEMICONDUCTOR DRIVE  
SANTA CLARA, CALIFORNIA 95051-8090

SERIAL NUMBER: 09245604

FILING DATE: 02/05/1999

PATENT NUMBER:

ISSUE DATE:

SHARMALLA COATES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORDED: 06/04/1999

PATENT  
REEL: 009995 FRAME: 0216