

03/03/00

ATTORNEY DOCKET NO: M-7854 US

RECORDATION FOR  
PATENTS

04-21-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please

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y thereof.

## 1. Name of conveying party:

- (a) Michal Danek
- (b) Karl B. Levy
- (c) Hyoun S. Choe

OPR/FINANCE

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: 2/23/00; 2/28/00; 2/24/00

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

Name: Novellus Systems, Inc.Street Address: 3970 North First StreetCity: San Jose State: CA Zip: 95134Country: USA

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

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

## 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: \_\_\_\_\_

A. Patent Application No.(s) - 09/449,008

B. Patent No.(s)

Title: Method of Depositing Diffusion Barrier for Copper Interconnect in Integrated CircuitAdditional numbers attached? ☐ Yes ☐ No

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

Name: David E. SteuberInternal Address: SKJERVEN, MORRILL, MacPHERSON,FRANKLIN & FRIEL LLPStreet Address: 25 METRO DRIVE, SUITE 700City SAN JOSE State CA ZIP 951106. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): ..... \$40.00

- ☒ Authorized to be charged to Deposit Account 19-2386
- ☒ Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

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## 8. 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.*

David E. Steuber, 25,557

Name of Person Signing

Signature

Date

04/21/2000 TT0N11 00000033 192386 09449008

Total number of pages comprising cover sheet: 301 FC:581  
608840 v1

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PATENT  
REEL: 010683 FRAME: 0035

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we

<u>Michal Danek</u>	of	<u>Sunnyvale, California</u>
<u>Karl B. Levy</u>	of	<u>Los Altos, California</u>
<u>Hyoun S. Choe</u>	of	<u>La Palma, California</u>

hereby sell, assign and transfer to Novellus Systems, Inc., a California corporation, having a place of business at 3970 North first Street, San Jose, CA 95134, its successors and assigns, the entire right, title and interest throughout the world in our invention in

***Method Of Depositing Diffusion Barrier For Copper Interconnect In Integrated Circuit***

for which we filed a United States Patent Application on September 30, 1999, and now has Serial No. 09/410,171, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 23 day of Feb., 2000.

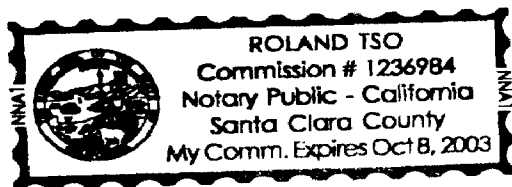
  
Michal Danek

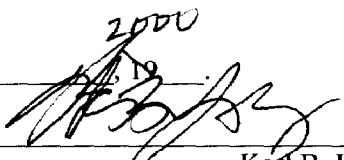
State of California )  
County of Santa Clara ) ss.

On February 23, 2000 before me, Roland Tso (Notary)  
personally appeared Michal Danek personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

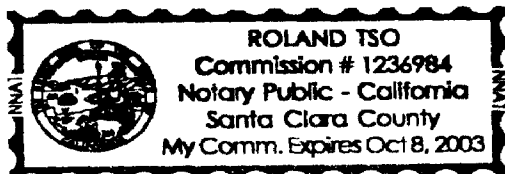
  
SIGNATURE OF NOTARY



Executed this 28 day of February, 2000  
  
 Karl B. Levy

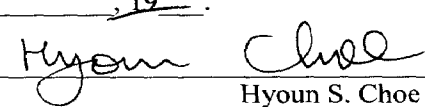
State of California )  
 County of Santa Clara ) ss.

On February 28, 2000 before me, Roland Tso (Notary)  
 personally appeared Karl B. Levy personally known to me or proved to me on the basis of satisfactory evidence  
 to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the  
 same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf  
 of which the person acted, executed the instrument.



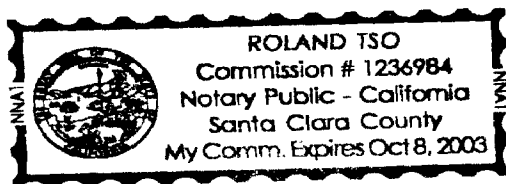
WITNESS my hand and official seal.

  
 SIGNATURE OF NOTARY

Executed this 24 day of February, 2000  
  
 Hyoun S. Choe

State of California )  
 County of Santa Clara ) ss.

On February 24, 2000 before me, Roland Tso (Notary)  
 personally appeared Hyoun S. Choe personally known to me or proved to me on the basis of satisfactory  
 evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he  
 executed the same in his authorized capacity, and that by his 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.

  
 SIGNATURE OF NOTARY