

RE 12-07-2004

11/29/04



102896354

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):  
**Elvis M. Chan**  
**Bradley S. Withers**  
  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
Name: **NEC Electronics America, Inc.**  
Street Address: **2880 Scott Boulevard**  
City: **Santa Clara** State: **California** Zip Code: **95050-2554**  
Country: **USA**

13441 U.S. PTO  
10/998467

112904

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  Other  
  
**Execution Date(s):**  
Elvis M. Chan signed on November 23, 2004  
Bradley S. Withers signed on November 23, 2004

Name and address of receiving party(ies):  
Name:  
Street Address:  
City: State: Zip:  
Country:  
Additional name(s) & address(es) attached?  Yes  No

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:  
Elvis M. Chan signed on November 23, 2004  
Bradley S. Withers signed on November 23, 2004

A. Patent Application No.(s) -  
**Title: METAL CAPPING OF COPPER DAMASCENE STRUCTURES TO IMPROVE RELIABILITY USING HYPER SELECTIVE CHEMICAL MECHANICAL DEPOSITION**

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Eric A. Stephenson  
Firm: CAMPBELL STEPHENSON ASCOLESE LLP  
Address: 4807 Spicewood Springs Road  
Address: Building 4, Suite 201  
City: Austin State: Texas Zip: 78759

6. Total number of applications and patents involved: 1  
  
7. Total fee (37 CFR 3.41): **\$40.00**  
 Authorized to be charged to Deposit Account No. 502306  
 Charge Deposit Account No. 502306 for any additional fees required for this conveyance and credit deposit account No. 502306 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.*

Eric A. Stephenson 38,321  
Name of Person Signing Reg. No. [Signature] 11/29/04  
Signature Date

12/07/2004 GT0M11 00000202 502306 10998467  
Total number of pages including cover sheet, attachments, and documents: 2

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**ASSIGNMENT**

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

Elvis M. Chan of Rocklin, California  
Bradley S. Withers of Folsom, California

hereby sell, assign and transfer to NEC Electronics America, Inc., a **California** corporation, having a place of business at 2880 Scott Boulevard, Santa Clara, California, 95050-2554, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

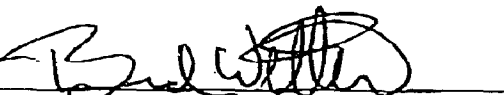
**METAL CAPPING OF DAMASCENE STRUCTURES TO IMPROVE RELIABILITY  
 USING HYPER SELECTIVE CHEMICAL MECHANICAL DEPOSITION**

for which we have executed a United States patent application on or about the date of this assignment, 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 that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 23<sup>rd</sup> day of November, 2004.

  
 \_\_\_\_\_  
 Elvis M. Chan

Executed this 23<sup>rd</sup> day of November, 2004.

  
 \_\_\_\_\_  
 Bradley S. Withers