

09-27-1999



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MEP9-16-99

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

10/17/99 U.S. PTO  
09/30/99  
09/16/99

<p>1. Name of conveying party(ies):</p> <p>(a) Craig E. Carpenter</p> <p>(b)</p> <p>(c)</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>NEC Electronics, Inc.</u></p> <p>Internal Address: _____</p> <p>_____</p> <p>Street Address: <u>2880 Scott Boulevard</u></p> <p>_____</p> <p>City <u>Santa Clara</u> State <u>California</u> ZIP <u>95050-2554</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>14 September 1999</u></p>	

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: 14 September 1999

<p>A. Patent Application No.(s) -</p> <p>Title: <u>Manufacturing A Capacitor Electrode In A Semiconductor Device</u></p> <p><u>09/397541</u></p>	<p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Dale R. Cook</u></p> <p>Internal Address: <u>SKJERVEN, MORRILL, MacPHERSON, FRANKLIN &amp; FRIEL LLP</u></p> <p>Street Address: <u>25 METRO DRIVE, SUITE 700</u></p> <p>City <u>SAN JOSE</u> State <u>CA</u> ZIP <u>95110</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): ..... <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 19-2386</p> <p><input checked="" type="checkbox"/> Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid</p>
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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.*

Dale R. Cook 42,434 16 September 1999

Name of Person Signing Signature Date

09/24/1999 DNGUYEN 00000130 192386 09397541 Total number of pages comprising cover sheet: 1

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**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, I, Craig E. Carpenter of Roseville, California, hereby sell, assign and transfer to NEC Electronics, 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 my invention in

**Manufacturing A Capacitor Electrode In A Semiconductor Device**

for which I 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; I 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 me; I 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, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I 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 14 day of SEPTEMBER, 1999.

  
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Craig E. Carpenter

State of California) ) ss.  
County of Placer )

On 14 Sept 1999 before me, Yvonne J. Jensen, Notary personally appeared Craig E. Carpenter personally known to me ~~or proved to me on the basis of satisfactory evidence~~ to be the person(~~s~~) whose name(~~s~~) ~~(is/are)~~ subscribed to the within instrument and acknowledged to me that ~~(he/she/they)~~ executed the same in ~~(his/her/their)~~ authorized capacity(~~ies~~), and that by ~~(his/her/their)~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
SIGNATURE OF NOTARY

