

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroaki OHKUBO</td> <td>08/14/2006</td> </tr> <tr> <td>Yasutaka NAKASHIBA</td> <td>08/14/2006</td> </tr> </tbody> </table>		Name	Execution Date	Hiroaki OHKUBO	08/14/2006	Yasutaka NAKASHIBA	08/14/2006						
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<table border="1"> <tr> <td>Name:</td> <td>NEC Electronics Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1753 Shimonumabe, Nakahara-ku</td> </tr> <tr> <td>Internal Address:</td> <td>Kawasaki</td> </tr> <tr> <td>City:</td> <td>Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>211-8668</td> </tr> </table>		Name:	NEC Electronics Corporation	Street Address:	1753 Shimonumabe, Nakahara-ku	Internal Address:	Kawasaki	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	211-8668
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CORRESPONDENCE DATA													
<p>Fax Number: (703)685-0573</p> <p>Phone: 703 521-2297</p> <p>Email: yreynolds@young-thompson.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: YOUNG & THOMPSON</p> <p>Address Line 1: 209 Madison Street</p> <p>Address Line 2: Suite 500</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	8074-1180-1												
NAME OF SUBMITTER:	Eric Jensen												
<p>Total Attachments: 1</p> <p>source=ASSMT#page1.tif</p>													

OP \$40.00 13529421

ASSIGNMENT

WHEREAS,

Hiroaki OHKUBO and Yasutaka NAKASHIBAboth of Kanagawa, JapanFiled June 21, 2012 Appln No. 13/529,421

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

SEMICONDUCTOR DEVICE

for which an application for a United States patent was executed currently herewith,

WHEREAS, NEC Electronics Corporation whose address is, 1753 Shimonumabe,
Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan, hereinafter referred to as "assignee(s)", is
 desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt
 whereof is acknowledged, and other good and valuable consideration, applicant(s), by these
 presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to
 the said invention in the United States and the entire right, title and interest in and to any and all
 patents which may be granted therefore in the United States, for its sole use and behoof, and for
 the use and behoof of its legal representatives, to the full end of the term for which said patents
 may be granted, as fully and entirely as the same would have been held by applicant(s) had this
 assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and
 Trademarks to issue said United States patents to said assignee(s).

Date August 14, 2006

Hiroaki Ohkubo (signature)
 (signature) Hiroaki OHKUBO

Date August 14, 2006

Yasutaka Nakashiba (signature)
 (signature) Yasutaka NAKASHIBA

WITNESS(ES)

Date August 14, 2006

Tetsushi Ukeni (signature)
 (signature)

Date August 14, 2006

Shiro Murakami (signature)
 (signature)