

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>NOBUAKI TAKAHASHI</td><td>04/22/2009</td></tr><tr><td>MASAHIRO KOMURO</td><td>04/22/2009</td></tr><tr><td>SATOSHI MATSUI</td><td>04/22/2009</td></tr></tbody></table>		Name	Execution Date	NOBUAKI TAKAHASHI	04/22/2009	MASAHIRO KOMURO	04/22/2009	SATOSHI MATSUI	04/22/2009
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NOBUAKI TAKAHASHI	04/22/2009								
MASAHIRO KOMURO	04/22/2009								
SATOSHI MATSUI	04/22/2009								
RECEIVING PARTY DATA									
Name:	NEG ELECTRONICS CORPORATION								
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State/Country:	JAPAN								
Postal Code:	211-8668								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12477178</td></tr></tbody></table>		Property Type	Number	Application Number:	12477178				
Property Type	Number								
Application Number:	12477178								
CORRESPONDENCE DATA									
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Total Attachments: 1 source=ASSIGNMENT#page1.tif									

OP \$40.00 12477178

PATENT

500875530

REEL: 022770 FRAME: 0943

ASSIGNMENT

WHEREAS,

Nobuaki TAKAHASHI, Masahiro KOMURO and Satoshi MATSUI
all of Kanagawa, Japan

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

SEMICONDUCTOR DEVICE AND METHOD OF
MANUFACTURING THE SAME

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 April 22, 2009

Nobuaki Takahashi 
(signature) **Nobuaki TAKAHASHI**

Date April 22, 2009

Masahiro Komuro 
(signature) **Masahiro KOMURO**

Date April 22, 2009

Satoshi Matsui 
(signature) **Satoshi MATSUI**

WITNESS(ES)

Date April 22, 2009

Masahiko Fujimori
(signature)

Date April 22, 2009

[Signature]
(signature)