

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MUNEHIRO TADA	09/01/2014
TOSHITSUGU SAKAMOTO	09/01/2014
MAKOTO MIYAMURA	09/01/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14385623
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DATE SIGNED:	09/16/2014
Total Attachments: 1	
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Assignment

Whereas, I/We, MUNEHIRO TADA, TOSHITSUGU SAKAMOTO and MAKOTO MIYAMURA of Tokyo, Japan

hereinafter called assignors, have invented certain improvements in VARIABLE RESISTANCE ELEMENT, SEMICONDUCTOR DEVICE HAVING VARIABLE RESISTANCE ELEMENT, SEMICONDUCTOR DEVICE MANUFACTURING METHOD, AND PROGRAMMING METHOD USING VARIABLE RESISTANCE ELEMENT and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, NEC Corporation
7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys under U.S.P.T.O. Customer Number 71799 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date: September 1, 2014

Munehiro Tada
s/ MUNEHIRO TADA

Date: September 1, 2014

T. Sakamoto
s/ TOSHITSUGU SAKAMOTO

Date: September 1, 2014

Makoto Miyamura
s/ MAKOTO MIYAMURA

Date: _____

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)