PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Yoshihiro Murakami	08/05/2009

RECEIVING PARTY DATA

Name:	Oki Semiconductor Co., Ltd.
Street Address:	550-1 Higashiasakawa-cho
Internal Address:	Hachiouji-shi
City:	Tokyo
State/Country:	JAPAN
Postal Code:	193-8550

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12539144

CORRESPONDENCE DATA

Fax Number: (513)381-0205

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513-357-9406 Phone: Email: shelton@taftlaw.com Correspondent Name: **Sharon Shelton** Address Line 1: 425 Walnut Street **Suite 1800** Address Line 2:

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ATTORNEY DOCKET NUMBER: OKS03-GN046

NAME OF SUBMITTER: Sharon A. Shelton

Total Attachments: 2

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PATENT

REEL: 023168 FRAME: 0855

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Yoshihiro MURAKAMI
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating toMEMORY CONTROL CIRCUIT AND SEMICONDUCTOR INTEGRATED
CIRCUIT INCORPORATING THE SAME
[$ imes$] the inventor(s) declaration for said application being executed concurrently with the
execution of this instrument; said application to be filed in the United States Patent and Trademark
Office;
[] said application having been filed in the United States Patent and Trademark Office on,
August 11, 2009 authorization being hereby given to the practitioners associated with the
<u>Customer Number 030074,</u> to insert here in parentheses (Application Serial
No. 12/539,144) the application serial number of said application when known;
[] said application having been filed under the Patent Cooperation Treaty
on
Serial No.), the United States of America being designated.
AND WHEREAS OKI SEMICONDUCTOR CO., LTD.
of 550-1 Higashiasakawa-cho Hachiouji-shi, Tokyo 193-8550, Japan
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest
in and to said application, including any and all divisions and continuations thereof, and in and to
said invention and any and all patents which may be granted therefor, including any and all
renewals, reissues and prolongations thereof;
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good

and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Taft Stettinius & Hollister LLP

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the time the i	nvention was made.	
	EXECUTED, August 5, 2009	
WITNESS:	ASSIGNOR:	
Signature:	Ciko kobayashi signature: Yoshihiro murakami	

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at

Name: Yoshihiro MURAKAMI

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RECORDED: 08/31/2009