

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name		Execution Date	
KATSUAKI MATSUI		01/21/2014	
RECEIVING PARTY DATA			
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PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	14146385		
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Signature:	/Donald R. Studebaker/		
Date:	02/07/2014		
Total Attachments: 1 source=ASN#page1.tif			

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Katsuaki MATSUI

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to NONVOLATILE SEMICONDUCTOR MEMORY

[] 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;

[X] said application having been filed in the United States Patent and Trademark Office on, January 2, 2014 authorization being hereby given to the practitioners associated with the **CUSTOMER NUMBER 78198**,

, to insert here in parentheses (Application Serial No. 14/146,385) 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 LAPIS Semiconductor, Co., Ltd.

of 2-4-8 Shin-Yokohama, Kouhoku-ku, Yokohama 222-8575, 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:

STUDEBAKER & BRACKETT PC

All practitioners at Customer Number 78198.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, Jan. 21, 2014

WITNESS:

ASSIGNOR:

Signature: Toruhiro Ichinada

Signature: Katsuaki Matsui

Name: Katsuaki MATSUI

STUDEBAKER & BRACKETT PC

PATENT