

PATENT ASSIGNMENT

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT
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CONVEYING PARTY DATA	
Name	Execution Date
Emerging Memory Technologies Inc.	08/01/2007

RECEIVING PARTY DATA	
Name:	TSMC Design Technology Canada Inc.
Street Address:	349 Terry Fox Drive
City:	Kanata, ON
State/Country:	CANADA
Postal Code:	K2K 2V6

PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	11734588
Application Number:	11767689

CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Slater & Matsil, L.L.P.
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Address Line 2:	Suite 1000
Address Line 4:	Dallas, TEXAS 75252

ATTORNEY DOCKET NUMBER:	TSM07-0652 & TSM07-0651
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NAME OF SUBMITTER:	Judy A. Betts
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Total Attachments: 3
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CH \$80.00 11734588

CONFIRMATORY PATENT ASSIGNMENT

This Confirmatory Patent Assignment (the "Assignment") is made as of August 1, 2007 by Emerging Memory Technologies Inc., with its principal place of business at 349 Terry Fox Dr., Kanata, ON K2K 2V6, Canada, ("Assignor") to TSMC Design Technology Canada Inc., with its principal place of business at 349 Terry Fox Dr., Kanata, ON K2K 2V6, Canada ("Assignee").

WHEREAS Assignor, Assignee and Sreedhar Natarajan have entered into a transfer agreement dated August 1, 2007 (the "Transfer Agreement"), pertaining to the sale and transfer of certain Transferred Assets (as set forth in the Transfer Agreement);

AND WHEREAS Assignor is the owner of the following inventions entitled:

Bitline Precharge Scheme; and

ECC Scheme for Memory,

hereinafter referred to as The Inventions, as fully set forth and described in the following applications for Letters Patent identified as:

<u>Country</u>	<u>Serial number</u>	<u>Filing date</u>	<u>Title</u>
U.S.A.	60/791,208	April 12, 2006	Bitline Precharge Scheme
U.S.A.	11/734,588	April 12, 2007	DRAM Bitline Precharge Scheme
U.S.A.	60/805,814	June 26, 2006	ECC Scheme for Memory
U.S.A.	11/ <u>767,689</u>	<u>JUNE 28</u> 2007	ECC Scheme for Memory;

hereinafter referred to as The Applications;

NOW, THEREFORE, in consideration of the premises set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor confirms that it has sold, assigned, transferred and set over effective as of August 1, 2007, and for greater certainty does hereby sell, assign, transfer and set over to Assignee, its successors, assigns, or legal representatives, its entire right, title and interest in and to The Inventions, together with its entire right, title and interest in and to The Applications and any and all Letters Patent that may issue for The Inventions, including any and all divisions, reissues, continuations and extensions of The Applications, to the full end of the term for which

each said Letters Patent may be granted, and including any rights in foreign counterparts to The Applications and to claim priority based on The Applications, the same to be held and enjoyed as fully and completely as the same would have been held and enjoyed by Assignor had this Assignment not been made;

AND Assignor, on behalf of itself and its executors and administrators, does hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by said Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for the Inventions and vest the same in said Assignee, its successors, assigns, or legal representatives.

AND Assignor, on behalf of itself and its executors and administrators, does hereby authorize said Assignee, its successors, assigns, or legal representatives, including Blake, Cassels & Graydon LLP, to amend the present assignment to insert or correct the filing date, serial number or other identifying information of the Applications as may be needed to record this assignment.

DATED this 15th day of August, 2007.

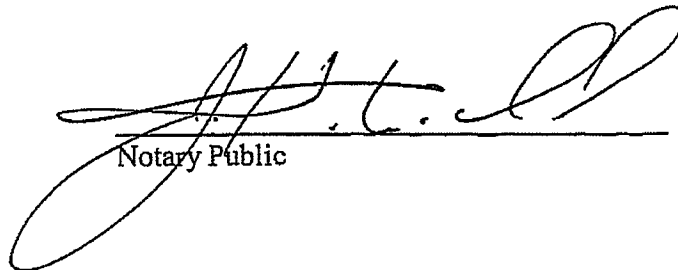
Emerging Memory Technologies Inc.

By: [Signature]
Name: Sreedhar Natarajan
Title: CEO

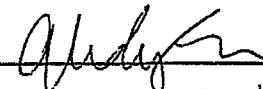
On this 15th day of AUGUST, 2007, before me, John K. NICHOLS, a Notary Public in and for the Province of Ontario, personally appeared SREEDHAR NATARAJAN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their

authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

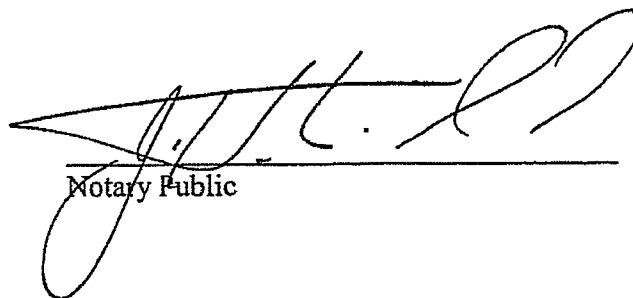

Notary Public

TSMC Design Technology Canada Inc.

By: 
Name: GLENDY SUN
Title: AUTHORIZED SIGNATORY

On this 15th day of AUGUST, 2007, before me, JOHN H. NICHOLS, a Notary Public in and for the Province of Ontario, personally appeared GLENDY SUN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public