PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
		N	lame	Execution Date			
Jin-Ki KIM				03/10/2009			
RECEIVING PARTY DATA							
Name:	Name: MOSAID Technologies Incorporated						
Street Address:	11 Hines Road, Suite 203						
City:	Ottawa						
State/Country:	CANADA						
Postal Code:	K2K 2X1						
PROPERTY NUMBERS Total: 1							
Property Type			Number				
Application Number: 133		3348	107				
Application Number: 13348107 CORRESPONDENCE DATA XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX							
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ATTORNEY DOCKET NUMBER:		PAT 5479C-2					
NAME OF SUBMITTER:		Angie Armstrong-Baker					
Total Attachments: 3 source=PAT_5479C-2Executed_Assignment#page1.tif source=PAT_5479C-2Executed_Assignment#page2.tif source=PAT_5479C-2Executed_Assignment#page3.tif							
501782978				<u>PATENT</u>			

ASSIGNMENT OF PATENT RIGHTS

For and in consideration of agreement(s) duly entered into with my/our employer, MOSAID Technologies Incorporated ("Assignee"), a Canadian corporation, with an address at 11 Hines Road, Suite 203, Ottawa, Ontario, K2K 2X1, Canada, and/or other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

I/WE: ("Assignor(s)"),

1) Jin-Ki KIM 46 Ironside Court Ottawa, Ontario K2K 3H6 CANADA

hereby sell(s), assign(s), and transfer(s) to Assignee, the full extent of all right, title, and interest in and to any and all of the following (collectively, the "Rights"):

1. The provisional patent applications, patent applications and/or patents listed in the table below (the "Patents");

Application No. or patent No.	Filing date or issue date	Title of patent application or patent	
12/364,665	February 3, 2009	FLEXIBLE MEMORY OPERATIONS IN NAND FLASH DEVICES	

which is a Continuation-in-Part of United States Patent Application No. 12/329,929 filed on December 8, 2008 and which claims priority from United States Provisional Patent Application No. 61/025,920 filed on February 4, 2008, United States Patent Provisional Patent Application No. 61/035,791 filed on March 12, 2008 and United States Patent Provisional Patent Application No. 61/081,910 filed on July 18, 2008.

2. All inventions claimed or described in any or all of the Patents (collectively, the "Inventions");

3. All rights with respect to the Inventions, including all United States patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Patents (collectively, the "Potential Patents");

4. All reissues, reexaminations, extensions, or registrations of the Patents or Potential Patents;

Assignment from Jin-Ki KIM to MOSAID Technologies Incorporated Page 1 of 4

5. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Patents, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (collectively, the "Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;

6. The right to claim priority rights deriving from the Patents;

7. All causes of action and remedies related to any or all of the Patents, the Inventions, Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

8. Any and all other rights and interests arising out of, in connection with, or in relation to the Patents, the Inventions, Potential Patents, or Foreign Rights.

Assignor(s) will not sign any writing or do any act conflicting with this Assignment, and, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignee shall compensate Assignor(s) for any reasonable, documented disbursements provided that Assignor(s) shall have furnished Assignee an advance, written estimate of the fees and costs for such assistance and Assignee shall have agreed in writing to pay such fees and costs. Assignor(s) request(s) the respective Patent Office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor(s) authorize(s) the firm of Borden, Ladner & Gervais to insert any further identification necessary to make this assignment suitable for recordation in the Patent Office of any country as may be required.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor(s), its(their) successors, legal representatives and assigns.

SIGNED at	Kanata	Canada
	City or Town	Country

ā,

this <u>10th</u> day of <u>March</u>, 2009.

Jin-Ki KIM

1 (1) (1)						
_ whose full post office address is						
35 Arwastle Avenue						
was personally present and did see Jin-Ki KIM execute the within assignment and such assignor is personally known to me to be the person described in such document.						

Assignment from Jin-Ki KIM to MOSAID Technologies Incorporated Page 3 of 4 $\,$

RECORDED: 01/11/2012