

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Siamack Nemazie</td> <td>03/14/2013</td> </tr> <tr> <td>Anilkumar Mandapuram</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Siamack Nemazie	03/14/2013	Anilkumar Mandapuram	03/14/2013				
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Anilkumar Mandapuram	03/14/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Avalanche Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>48371 Fremont Blvd., Suite 101</td> </tr> <tr> <td>City:</td> <td>Fremont</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94538</td> </tr> </table>		Name:	Avalanche Technology, Inc.	Street Address:	48371 Fremont Blvd., Suite 101	City:	Fremont	State/Country:	CALIFORNIA	Postal Code:	94538
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4088509980  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-271-8752        Email: mimam@ipxlaw.com        Correspondent Name: IPxLAW Group LLP        Address Line 1: 2901 Moorpark Avenue        Address Line 2: Suite 255        Address Line 4: San Jose, CALIFORNIA 95128</p>											
ATTORNEY DOCKET NUMBER:	AVALANCHE-0108US										
NAME OF SUBMITTER:	Maryam Imam										
<p>Total Attachments: 2        source=-0108US_Assignment#page1.tif        source=-0108US_Assignment#page2.tif</p>											

OP \$40.00 13840327

## ASSIGNMENT

I, as the below-named inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to:

**Avalanche Technology, Inc.**  
**48371 Fremont Blvd., Suite 101**  
**Fremont, CA 94538**

a corporation (hereinafter referred to as "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by **Siamack Nemazie and Anilkumar Mandapuram** disclosed and/or claimed in an application for Letters Patent of the United States of America filed concurrently herewith, entitled:

### **"Method for Reducing Effective Raw Bit Error Rate in Multi-Level Cell NAND Flash Memory"**

and signed by me

- ☒ On the date set forth below;
- ☐ On the \_\_\_\_\_

and in and to any and all divisions, reissues, continuations and extensions thereof; and in and to all corresponding applications for Letters Patent and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter.

I hereby authorize and request that the Patent Office Officials in the United States, and in countries foreign to the United States, issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, I agree that I will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of customer number **81372** to correct errors in this assignment or to insert any further identification or other information necessary or

desirable to make this assignment suitable for recordal in the United States Patent Office, and any Patent Office foreign to the United States.

In Testimony Whereof, I hereunto set my hand.

### SIGNATURES

Full Name of First Inventor: Siamack Nemazie  
Home Address: 27872 Via Corita Way, Los Altos Hills, CA 94022  
Post Office Address: SAME  
Citizenship: U.S.A.  
Inventor's Signature: *S. Nemazie* Date: 3/14/2013

Full Name of Second Inventor: Anilkumar Mandapuram  
Home Address: 5469 Amby Dr., San Jose, CA 95124  
Post Office Address: SAME  
Citizenship: INDIA  
Inventor's Signature: *A. Anilkumar* Date: 3/14/2013