

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>09/14/2012</td> </tr> <tr> <td>NGON VAN LE</td> <td>09/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	SIAMACK NEMAZIE	09/14/2012	NGON VAN LE	09/14/2012
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SIAMACK NEMAZIE	09/14/2012						
NGON VAN LE	09/14/2012						
RECEIVING PARTY DATA							
Name:	Avalanche Technology, Inc.						
Street Address:	48371 Fremont Blvd.						
Internal Address:	Suite 101						
City:	Fremont						
State/Country:	CALIFORNIA						
Postal Code:	94538						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13619114</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13619114		
Property Type	Number						
Application Number:	13619114						
CORRESPONDENCE DATA							
Fax Number:	4088509980						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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						
ATTORNEY DOCKET NUMBER:	AVALANCHE-0073US						
NAME OF SUBMITTER:	Maryam Imam						
Total Attachments: 2 source=0073US_ASSIGNMENT#page1.tif source=0073US_ASSIGNMENT#page2.tif							

OP \$40.00 13619114

ASSIGNMENT

I, as a 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 Ngon Van Le** disclosed and/or claimed in an application for Letters Patent of the United States of America filed concurrently herewith, entitled:

**“SECURE SPIN TORQUE TRANSFER MAGNETIC RANDOM ACCESS
MEMORY (STTMRAM)”**

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.

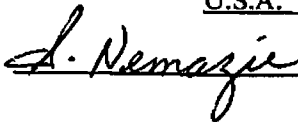
SIGNATURES

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.

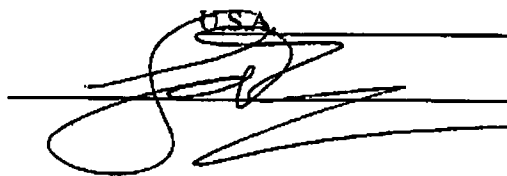
Inventor's Signature:  Date: 9/14/2012

Full Name of Second Inventor: NGON VAN LE

Home Address: 912 Sundance Dr., Fremont, CA 94539

Post Office Address: SAME

Citizenship: U.S.A.

Inventor's Signature:  Date: 9/14/2012