

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yuchen Zhou</td> <td>11/03/2011</td> </tr> <tr> <td>Yiming Huai</td> <td>11/03/2011</td> </tr> <tr> <td>Jing Zhang</td> <td>11/03/2011</td> </tr> <tr> <td>Rajiv Yadav Ranjan</td> <td>11/03/2011</td> </tr> <tr> <td>Roger Klas Malmhall</td> <td>11/03/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yuchen Zhou	11/03/2011	Yiming Huai	11/03/2011	Jing Zhang	11/03/2011	Rajiv Yadav Ranjan	11/03/2011	Roger Klas Malmhall	11/03/2011
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Avalanche Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>48371 Fremont Blvd.</td> </tr> <tr> <td>Internal Address:</td> <td>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.	Internal Address:	Suite 101	City:	Fremont	State/Country:	CALIFORNIA	Postal Code:	94538
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CORRESPONDENCE DATA													
Fax Number: (408)850-9980 Phone: 408 827 3300 Email: mimam@ipxlaw.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: IPxLAW Group LLP Address Line 1: 95 South Market Street Address Line 2: Suite 570 Address Line 4: San Jose, CALIFORNIA 95113													
ATTORNEY DOCKET NUMBER:	AVALANCHE-0059US												

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PATENT
REEL: 027177 FRAME: 0452

NAME OF SUBMITTER:

Maryam Imam

Total Attachments: 3

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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 **Yuchen Zhou, Yiming Huai, Jing Zhang, Rajiv Yadav Ranjan and Roger Klas Malmhall** disclosed and/or claimed in an application for Letters Patent of the United States of America filed concurrently herewith, entitled:

"MAGNETIC LATCH MAGNETIC RANDOM ACCESS MEMORY (MRAM)"

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: Yuchen Zhou

Home Address: 2245 Samaritan Dr., San Jose, CA 95124

Post Office Address: SAME

Citizenship: CHINA

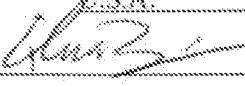
Inventor's Signature:  Date: 11/03/2011

Full Name of Second Inventor: Yiming Huai

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Post Office Address: SAME

Citizenship: U.S.A.

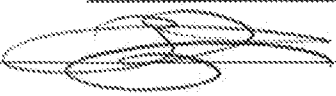
Inventor's Signature:  Date: 11/03/2011

Full Name of Third Inventor: Jing Zhang

Home Address: 1923 Helen Ct., Los Altos, CA 94024

Post Office Address: SAME

Citizenship: U.S.A.

Inventor's Signature:  Date: 11/3/2011

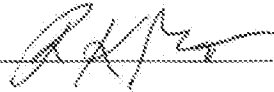
Full Name of Fourth Inventor: Rajiv Yadav Ranjan

Home Address: 18730 Vista De Almaden, San Jose, California 95120

Post Office Address: Same

Citizenship: U.S.A.

Inventor's Signature:  Date: 11/3/2011

Full Name of Fifth Inventor: Roger Klas Malmhall
Home Address: 3287 Knightswood Way, San Jose, CA 95120
Post Office Address: SAME
Citizenship: U.S.A.
Inventor's Signature:  Date: 11/3/11