

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2643575

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>DONG HA JUNG</td> <td>11/14/2013</td> </tr> <tr> <td>KIMIHIRO SATOH</td> <td>11/13/2013</td> </tr> <tr> <td>JING ZHANG</td> <td>11/14/2013</td> </tr> <tr> <td>YIMING HUAI</td> <td>11/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	DONG HA JUNG	11/14/2013	KIMIHIRO SATOH	11/13/2013	JING ZHANG	11/14/2013	YIMING HUAI	11/18/2013
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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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CORRESPONDENCE DATA											
<p>Fax Number: (000)000-0000</p> <p>Phone: 14084555447</p> <p>Email: bing.k.yen@gmail.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: BING K YEN</p> <p>Address Line 1: P.O. BOX 1538</p> <p>Address Line 4: CUPERTINO, CALIFORNIA 95015-1538</p>											
ATTORNEY DOCKET NUMBER:	AVALANCHE-0142US										
NAME OF SUBMITTER:	BING K YEN										
Signature:	/BingYen/										

OP \$40.00 14082400

Date:

12/10/2013

Total Attachments: 2

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## ASSIGNMENT

I/We, as a below-named inventors, 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, California 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 the undersigned and disclosed and/or claimed in an application for Letters Patent of the United States of America filed concurrently herewith, entitled:

### **METHOD FOR FORMING MTJ MEMORY ELEMENT**

and signed by me on the date set forth below; 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 attorneys associated with customer number **41482** to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recording in the United States Patent Office, and any Patent Office foreign to the United States.

In Testimony Whereof, I hereunto set my hand.

1) Signature:   
Typed Name: Dong Ha Jung

Date: 11/14/2013

2) Signature:   
Typed Name: Kimihiro Satoh

Date: 11/13/2013

3) Signature:   
Typed Name: Jing Zhang

Date: 11/14/2013

4) Signature:   
Typed Name: Yiming Huai

Date: 11/18/2013

5) Signature: \_\_\_\_\_  
Typed Name: \_\_\_\_\_

Date: \_\_\_\_\_

(Assignment, page 1 of 2)

(Assignment, page 2 of 2)

6) Signature: \_\_\_\_\_  
Typed Name: \_\_\_\_\_

Date: \_\_\_\_\_

7) Signature: \_\_\_\_\_  
Typed Name: \_\_\_\_\_

Date: \_\_\_\_\_

8) Signature: \_\_\_\_\_  
Typed Name: \_\_\_\_\_

Date: \_\_\_\_\_