

## 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>Jason Bellorado</td> <td>06/19/2013</td> </tr> <tr> <td>Marcus Marrow</td> <td>06/19/2013</td> </tr> <tr> <td>Zheng Wu</td> <td>06/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jason Bellorado	06/19/2013	Marcus Marrow	06/19/2013	Zheng Wu	06/19/2013
Name	Execution Date								
Jason Bellorado	06/19/2013								
Marcus Marrow	06/19/2013								
Zheng Wu	06/19/2013								
RECEIVING PARTY DATA									
Name:	SK hynix memory solutions inc.								
Street Address:	3101 North First Street								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95134								
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>13852926</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13852926				
Property Type	Number								
Application Number:	13852926								
CORRESPONDENCE DATA									
Fax Number:	4089732595								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Email:	mgreen@ip-patent.com								
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ATTORNEY DOCKET NUMBER:	LINKP118								
NAME OF SUBMITTER:	Laura Ing								
Signature:	/Laura Ing/								
Date:	07/12/2013								
Total Attachments: 1 source=LINKP118 Executed Assignment#page1.tif									

CH \$40.00 13852926

## ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

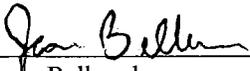
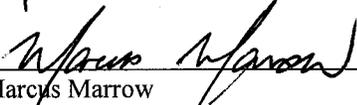
### FIXED-POINT DETECTOR PRUNING FOR CONSTRAINED CODES

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on March 28, 2013, and which bears the Application No. 13/852,926 (the "Application");

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell, assign, and transfer to SK hynix memory solutions inc., a Delaware corporation having a place of business at 3101 North First Street, San Jose, CA 95134, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said Application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- |    |   |                        |
|----|---|------------------------|
| 1) | Signature: <u></u> | Date: <u>6/19/2013</u> |
|    | Typed Name: Jason Bellorado   |                        |
| 2) | Signature: <u></u> | Date: <u>6/19/2013</u> |
|    | Typed Name: Marcus Marrow   |                        |
| 3) | Signature: <u></u> | Date: <u>6/19/2013</u> |
|    | Typed Name: Zheng Wu  |                        |