

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jeanne S. Pavio	06/21/2012
RECEIVING PARTY DATA	
Name:	HVVi Semiconductors, Inc.
Street Address:	10235 South 51st Street
Internal Address:	Suite 100
City:	Phoenix
State/Country:	ARIZONA
Postal Code:	85044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11327552
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ATTORNEY DOCKET NUMBER:	P0002US
NAME OF SUBMITTER:	Kenneth J. Cool
Total Attachments: 2 source=P0002US_assignment#page1.tif source=P0002US_assignment#page2.tif	

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### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, Jeanne S. Pavio residing at 6724 Whispering Hills Drive, Paradise Valley, AZ 85253 hereby sell, assign, and transfer to HVVi Semiconductors, Inc., a corporation of the State of Delaware, having a place of business at 10235 South 51 Street, Suite 100, Phoenix, Arizona 85044 (hereinafter "Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest throughout the world, in and to any and all improvements and inventions that are disclosed in the United States Patent Application entitled SEMICONDUCTOR COMPONENT AND METHOD OF MANUFACTURE United States Application No. 11/327,552 filed January 6, 2006, now issued as Patent No. US 7,335,534 B2, (hereinafter "Application"); and in and to the Application, and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or will be filed in the United States or any foreign country on any of said improvements and inventions; and in and to, all patents, reexamination certificates, extensions, and all other patents that have been or will be issued in the United States or any foreign country on said improvements and inventions; and in and to all rights or priority resulting from the filing, of the Application. I authorize and request the Assignee, its successors, assigns, legal representatives, or anyone it may designate to hereafter complete this assignment by inserting above the filing date and application number of the Application after the application number is assisted.

I agree that the Assignee may apply for and receive a patent or patents for said improvements and inventions in its own name. I authorize and request the Commissioner of Patents and Trademarks of the United States, or foreign equivalent authorities, to issue a patent or patents on said improvements and inventions to the Assignee.

I agree that I, and my executors, administrators, and legal representatives, when requested, without additional consideration, but at the expense of the Assignee, its successors or assigns, will execute and deliver any and all instruments including, but not limited to, any and all further application documents or papers, affidavits, assignments, rightful oaths, declarations, powers of attorney, and other documents or papers; communicate to the Assignee, its successors, assigns, and legal representatives all facts known to me relating to said improvements and inventions and

history thereof, including, but not limited to, all facts known to me regarding the conception and reduction to practice of the improvements and inventions and any and all prior art known to me that may be material to the examination of any patent application on the improvements and inventions; testify in any legal proceedings; and generally assist the Assignee, its successors, assigns, or legal representatives in securing and maintaining patent protection for said improvements and inventions in any and all countries, in enforcing any patent on said improvements and inventions in any and all countries, and in vesting title to said improvements and inventions to the Assignee, its successors, assigns, or legal representatives.

I covenant and agree with said Assignee, its successors, assigns, and legal representatives, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed have been made to others by me and that the full right to convey the same as herein expressed is possessed by me.

June 21, 2012  
Date

Jeanne S. PAVIO  
JEANNE S. PAVIO