

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MANPREET SINGH KHAIRA	06/04/2013
THOMAS IRRGANG	06/04/2013
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<b>City:</b>	BEAVERTON
<b>State/Country:</b>	OREGON
<b>Postal Code:</b>	97006
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14297480
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<b>NAME OF SUBMITTER:</b>	PAUL B. HEYNSSSENS
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<b>DATE SIGNED:</b>	06/05/2014
<b>Total Attachments: 4</b>	
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source=Irrgang Assignment#page1.tif	
source=Irrgang Assignment#page2.tif	

PATENT APPLICATION

Attorney's Docket No. 102199-0045

ASSIGNMENT

**Assignor:** Manpreet Singh Khaira

**Address:** 13555 N.W. Countryview Way  
Portland, OR 97229

**Assignee:** Avnera Corporation

**Address:** 16505 NW Bethany Ct., Suite 100  
Beaverton OR 97006

**Title of Invention:** AUDIO LAYER IN KEYBOARD DEVICE PROVIDING  
ENHANCED AUDIO PERFORMANCE

U.S. Patent Application:

U.S. Patent Application Serial No.: Filed Herewith


Filing Date: Filed Herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations including continuations-in-part, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing including continuing-in-part (CIP), non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.


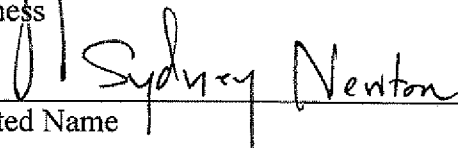
In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record

in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Beaverton, Oregon, this 4<sup>th</sup> day of June, 2013.

  
\_\_\_\_\_  
Assignor

Before me this 4<sup>th</sup> day of June, 2013, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

  
\_\_\_\_\_  
Witness  
  
\_\_\_\_\_  
Printed Name

PATENT APPLICATION

Attorney's Docket No. 102199-0045

ASSIGNMENT

Assignor: Thomas Irrgang

Address: 11555 Damascus Street  
Portland, OR 97229

Assignee: Avnera Corporation

Address: 16505 NW Bethany Ct., Suite 100  
Beaverton OR 97006

Title of Invention: AUDIO LAYER IN KEYBOARD DEVICE PROVIDING  
ENHANCED AUDIO PERFORMANCE

U.S. Patent Application:

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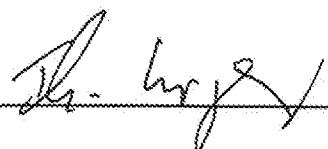
Filing Date: Filed Herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations including continuations-in-part, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing including continuing-in-part (CIP), non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.


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\_\_\_\_\_  
Witness

Marissa Dolan  
\_\_\_\_\_  
Printed Name