

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES RATHBURN	03/01/2012
RECEIVING PARTY DATA	
Name:	HSIO TECHNOLOGIES LLC
Street Address:	13300 67th Avenue North
City:	Maple Grove
State/Country:	MINNESOTA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13410943
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ATTORNEY DOCKET NUMBER:	49956/2702
NAME OF SUBMITTER:	Karl G. Schwappach
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$40.00 13410943

WHEN RECORDED RETURN TO:

PATENT APPLICATION  
Docket No.: 49956/2702

Stoel Rives LLP  
201 So. Main Street, Suite 1100  
One Utah Center  
Salt Lake City, Utah 84111

ASSIGNMENT

I, JAMES RATHBURN, of 1599 Bluebird Lane, Mound, Minnesota 55364, have  
invented the invention described in a United States Application Serial No.  
\_\_\_\_\_, entitled AREA ARRAY SEMICONDUCTOR  
DEVICE PACKAGE INTERCONNECT STRUCTURE WITH OPTIONAL PACKAGE-TO-  
PACKAGE OR FLEXIBLE CIRCUIT TO PACKAGE CONNECTION, filed on  
\_\_\_\_\_, in the United States Patent and Trademark Office. (We hereby  
authorize the attorneys of Stoel Rives LLP to insert said serial number and filing date when  
known.)

The Assignee, HSIO TECHNOLOGIES, LLC of 13300 67th Avenue North, Maple  
Grove, Minnesota 55311 USA, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which we hereby  
acknowledge, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said inventions in the above-identified  
United States patent application and in all divisions, continuations and  
continuations-in-part of said application, or reissues or extensions of Letters  
Patent or Patents granted thereon, and in all corresponding applications filed in  
countries foreign to the United States, and in all patents issuing thereon in the  
United States and Foreign countries.

The right to file foreign patent applications on said invention in its own  
name, wherever such right may be legally exercised, including the right to claim  
the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.


I hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

DATED this 1 day of March, 2012.

  
JAMES RATHBURN  
1599 Bluebird Lane  
Mound, Minnesota 55311  
USA