

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3541301

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JAMES RATHBURN	09/17/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HSIO TECHNOLOGIES, LLC	
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<b>City:</b>	MAPLE GROVE	
<b>State/Country:</b>	MINNESOTA	
<b>Postal Code:</b>	55311	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14864215
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<b>ATTORNEY DOCKET NUMBER:</b>	49956/4102	
<b>NAME OF SUBMITTER:</b>	KARL G. SCHWAPPACH	
<b>SIGNATURE:</b>	/Karl G. Schwappach/	
<b>DATE SIGNED:</b>	09/24/2015	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

WHEREAS, James Rathburn, of 6491 Ranier Lane N, Maple Grove, Minnesota 55311, (hereinafter "ASSIGNOR"), has made an invention described in a United States patent application entitled FUSION BONDED LIQUID CRYSTAL POLYMER CIRCUIT STRUCTURE, filed with the United States Patent and Trademark Office on \_\_\_\_\_, 2015, and allotted Application No. \_\_\_\_\_; and

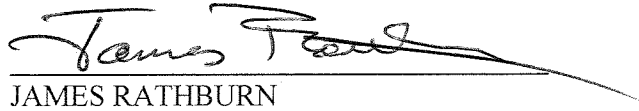
WHEREAS, ASSIGNOR believes himself or herself to be the original inventor or an original joint inventor of the subject matter claimed in said patent application; and

WHEREAS, HSIO Technologies, LLC, having a place of business at 13300 67th Avenue North, Maple Grove, Minnesota 55311 ("ASSIGNEE"), is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, hereby assigns and transfers to ASSIGNEE the full and exclusive right, title, and interest in and to said inventions, said patent application, and any and all patent rights and letters patent for said inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in ASSIGNOR's name or in the name of ASSIGNEE and further including all divisions and continuations of said application and of any foreign patent applications, and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by ASSIGNEE for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenants that ASSIGNOR has full right so to do, and agrees that ASSIGNOR will communicate to ASSIGNEE and its successors and assigns, any facts known to ASSIGNOR respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid ASSIGNEE and its successors and assigns, to obtain and enforce proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

This Assignment is effective as of the respective filing date(s) set forth above.

Executed at HSIO, this 17 day of  
SEPT, 2015.

  
JAMES RATHBURN

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