

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2991667

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN J. MCDERMOTT JR.	03/12/1998
DANIEL C. MCGOWAN	03/12/1998
RALPH LEO SPOTTS JR.	03/12/1998
SIDNEY RAY TRYZBIAK	03/24/1998
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<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7501582
Patent Number:	8278560
Patent Number:	8581105
Application Number:	14048592
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>NAME OF SUBMITTER:</b>	PETER K. TRZYNA, ESQ.
<b>SIGNATURE:</b>	/PeterKTrzyzna/
<b>DATE SIGNED:</b>	08/21/2014
<b>Total Attachments: 4</b>	
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I hereby certify that this correspondence is being filed by United States Postal Service as first class mail in an envelope with sufficient postage and addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date indicated below.

Date: 26 August 1998

By: [Signature]  
(Signature of person mailing paper or fee)

PATENT

Paper No. 1

File No. ContCir-P97-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors : Brian J. McDermott, Jr., Daniel McGowan,  
Ralph Leo Spotts, and Sid Tryzbiak

Serial No. :

Filed : August 4, 1997

For : IMPROVED CIRCUIT BOARD OR OTHER  
MULTILAYER ELECTRICAL DEVICE MADE BY  
FORMING TEETH TO JOIN LAYERS

Group Art Unit :

Examiner :

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**ASSIGNMENT OF INVENTION**

S I R :

WHEREAS, I, the undersigned is the sole inventor of the subject matter described in the above-referenced patent application; and

WHEREAS, MicroVia, Inc. (hereinafter, the "Assignee"), a corporation organized under the laws of the State of Florida having an address at 1150 Belle Avenue, Winter Springs, Florida 32708, has an acknowledged right to the entire right, title, and interest therein, thereto, and thereunder, including, patent rights and any applications and patents related thereto or claiming priority therefrom;

NOW, THEREFORE, in consideration of ten dollars (\$10.00) in hand paid to me, the receipt of which by me is hereby acknowledged, and other good and valuable consideration received by me, I hereby acknowledge that I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, and assigns, the entire right, title and interest in, to, and under any and all inventions disclosed or described in the above-identified patent application and any and all rights thereto, including the above-identified patent

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**PATENT**  
**REEL: 033584 FRAME: 0332**

patent application and any and all rights thereto, including the above-identified patent application, any and all United States and foreign patents which may be granted pursuant thereto, and any and all United States and foreign applications, continuations, divisions, renewals, and substitutes thereof, as well as any reissues or reexamination patent(s); and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for said invention to the Assignee its successors, and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant that I have full right to convey the entire interest assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant that I respectively will communicate to the Assignee, its successors, legal representatives, and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid the assignee, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention;

THIS ASSIGNMENT of Invention is the entire agreement as to its subject matter. If any portion of this Assignment of Invention is determined to be invalid, illegal, or unenforceable under any present or future law by the final judgment of any court of competent jurisdiction, the remainder of this Assignment of Invention shall not be effected thereby. It is the intention of the undersigned that if any portion of this Assignment of Invention is determined to be invalid, a portion as similar in terms to such portion as is possible to be legal, valid, and enforceable shall be added in lieu thereof.

IN TESTIMONY WHEREOF, we respectively hereunto set hands and seals on the day and year set opposite my signature.

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