

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3588219

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IAIN ALEXANDER MACFARLANE	10/23/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRANS-TECH, INC.
<b>Street Address:</b>	5520 ADAMSTOWN ROAD
<b>City:</b>	ADAMSTOWN
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21710
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14798817
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	15SKY0237.01 US
<b>NAME OF SUBMITTER:</b>	DONALD BOLLELLA
<b>SIGNATURE:</b>	/Donald Bollella/
<b>DATE SIGNED:</b>	10/27/2015
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

**WHEREAS**, I, Iain Alexander MacFarlane residing at 61 The Meadows, Tir Cluain, Midleton, County Cork, Ireland, along with certain co-inventors, have invented a certain new and useful IMPEDANCE MATCHING IN VERY HIGH DIELECTRIC CONSTANT ISOLATOR/CIRCULATOR JUNCTIONS for which I have jointly made application for Letters Patent of the United States as fully set forth and described in the specification duly filed in the United States Patent and Trademark Office on July 14, 2015 and assigned Application Serial No. 14/798,817, which derived priority benefit from U.S. Provisional Patent Application Serial No. 62/028,125 filed July 23, 2014; and

**WHEREAS**, Trans-Tech, Inc., a Maryland corporation, having a principal business address at 5520 Adamstown Road, Adamstown, Maryland 21710, is desirous of acquiring the entire interest in and to said invention, said non-provisional and provisional applications, any and all inventions and improvements disclosed in said applications, and all Letters Patent to be had therefor.

**NOW THEREFORE**, to all whom it may concern, be it known, that for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, I, said Iain Alexander MacFarlane have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Trans-Tech, Inc., my whole right, title, and interest in and to said IMPEDANCE MATCHING IN VERY HIGH DIELECTRIC CONSTANT ISOLATOR/CIRCULATOR JUNCTIONS, the aforesaid applications, and any and all inventions and improvements disclosed in the aforesaid non-provisional and provisional applications for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from or claiming priority to the aforesaid applications which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from or claiming priority to the aforesaid United States non-provisional and provisional patent applications and related applications as prepared for and filed in any and all foreign countries, my said whole right, title, and interest being the same for said Trans-Tech, Inc 's own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which all said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made. And I hereby acknowledge, agree, and understand that this assignment conveys any and all other related intellectual property rights including, but not so limited to, copyright rights, copyrightable subject matter, know how, trade secrets, copyright registrations, and reproduction rights, including any and all right to sue for past, current, or future infringement of the intellectual property rights hereby sold, assigned, and transferred, and I further hereby waive any and all moral rights under 17 U.S.C. § 106A or as so otherwise provided.

And I, for myself, my heirs, assigns, and legal representatives hereby covenant to and with said assignee Trans-Tech, Inc., its assigns, successors, and legal representatives, that I have full right to sell, assign, and transfer the whole right, title, and interest in and to said inventions and improvements, said non-provisional and provisional applications, and all the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And I also, for myself, my heirs, assigns, and legal representatives hereby further covenant to and with said assignee Trans-Tech, Inc., its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid applications in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign divisional, continuing, substitute, renewal, reissue, or any other application derived from or claiming priority to the aforesaid applications, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And I do hereby covenant and agree not to challenge or oppose, on any grounds whatsoever, the validity of this assignment or to assist or request any third party to contest the validity of this assignment, and I further agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein. And I also agree that no course of conduct or dealing by me shall act as an amendment, modification, or waiver of any provision of this assignment unless specifically set forth in writing.

And I do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Trans-Tech, Inc. as the assignee of my entire right, title, and interest therein.

**IN TESTIMONY WHEREOF**, I have hereunto set my respective hand and seal on the day and month of the year 2015 as indicated below.

I. A. M. L.S. Date: 23 / 10 / 2015  
Iain Alexander MacFarlane

**Acknowledgment**

The undersigned hereby certifies that he personally witnessed the foregoing signature of Iain Alexander Macfarlane handwritten in his presence in County Cork, Ireland.

Witnessed by [Signature] on this 23<sup>rd</sup> day of October, 2015  
Witness Signature

Print: RICHARD O'CONNOR and Community T.M. Attorney  
Witness Name Witness Title

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