

## 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>
GARRETT L. GILCHRIST	10/24/2016
RICHARD W. BURNS	10/24/2016
MICHAEL P. HURST	10/24/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOEING COMPANY
<b>Street Address:</b>	100 NOIRTH RIVERSIDE
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60606-1596
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15332455
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)233-5893
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<b>ATTORNEY DOCKET NUMBER:</b>	16-2402-US-NP
<b>NAME OF SUBMITTER:</b>	TRACEY L. PATERSON
<b>SIGNATURE:</b>	/Tracey L. Paterson/
<b>DATE SIGNED:</b>	10/24/2016
<b>Total Attachments: 2</b>	
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source=2016_10_24_Assignment_16_2402#page2.tif	

## ASSIGNMENT

WHEREAS, We, Garrett L. Gilchrist, a resident of St. Louis, Missouri, United States of America, Richard W. Burns, a resident of Edwardsville, Illinois, United States of America, and Michael P. Hurst, a resident of St. Louis, Missouri, United States of America, hereinafter referred to as the "Assignor" have invented certain new and useful improvements as described and set forth in a provisional application for Letters Patent of the United States entitled **PHASE SHIFT OF SIGNAL REFLECTIONS OF SURFACE TRAVELING WAVES** having a declaration signed on even date herewith.

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having a place of business at 100 North Riverside, Chicago, IL 60606-1596, hereinafter referred to as "Assignee", desires to acquire the entire right, title and interest in and to said application, said inventions, said improvements, and any and all Letters Patent which may be granted thereon in the United States or any foreign country;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by Assignor,

1. Assignor hereby sells, assigns, transfers and conveys to Assignee the entire worldwide right, title and interest in and to said application, said invention and said improvements, and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign country, including any divisions, substitutions, continuations in whole or in part, conversions, reissues, additions or extensions thereof, said interest to be held and enjoyed by Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made.

2. Assignor hereby covenants, warrants and represents that he has not heretofore granted any license, right or privilege with respect to said applications, invention or improvements or in any other way encumbered the same, and that he has the full right to make this Assignment.

3. Assignor further agrees that at the request and expense of Assignee, but without charge to said Assignee, he will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications or said Letters Patent, in said Assignee, and will execute all oaths and other papers, within the truth, that are necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said invention or improvements which are deemed necessary or desirable by Assignee, for reissuance or reexamination of said Letters Patent, or for the filing in foreign countries of applications for Letters Patent covering said invention or improvements.

4. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, his heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed and delivered to Assignee this instrument on the date shown.

  
\_\_\_\_\_  
Garrett L. Gilchrist

Date: 10/24/2016

*Richard W. Burns*

Richard W. Burns

Date: 24 October 2016

*Michael P. Hurst*

Michael P. Hurst

Date: 24 October 2016