

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alexander Majewski</td> <td>02/22/2010</td> </tr> <tr> <td>Rene Abreu</td> <td>02/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Majewski	02/22/2010	Rene Abreu	02/16/2010						
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Goodrich Corporation</td> </tr> <tr> <td>Street Address:</td> <td>Four Coliseum Centre</td> </tr> <tr> <td>Internal Address:</td> <td>2730 West Tyvola Road</td> </tr> <tr> <td>City:</td> <td>Charlotte</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28217</td> </tr> </table>		Name:	Goodrich Corporation	Street Address:	Four Coliseum Centre	Internal Address:	2730 West Tyvola Road	City:	Charlotte	State/Country:	NORTH CAROLINA	Postal Code:	28217
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CORRESPONDENCE DATA													
<p>Fax Number: (704)444-1111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 704-444-1000 Email: sheila.rogers@alston.com Correspondent Name: ALSTON & BIRD LLP Address Line 1: BANK OF AMERICA PLAZA Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000 Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000</p>													
ATTORNEY DOCKET NUMBER:	048447/382130												
NAME OF SUBMITTER:	Andrew T. Spence, Reg. No. 45,699												
<p>Total Attachments: 3 source=382130-ASSGN#page1.tif</p>													

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**Goodrich Corporation
Four Coliseum Centre
2730 West Tyvola Road
Charlotte, NC 28217**

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"SYSTEM AND METHOD FOR MAGNITUDE AND PHASE RETRIEVAL BY PATH MODULATION"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ Application No. 12/712,736; filed February 25, 2010
- ☐ Application claims priority from Application No. _____, filed _____, all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in

form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

22 February 2010
Date

Alexander Majewski
Alexander Majewski

State of Connecticut
County of Fairfield

I, Athina H. Magilton a Notary Public for said County and State, do hereby certify that Alexander Majewski personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 22nd day of February, 2008.

(Official Seal)

Athina H. Magilton
Notary Public

My commission expires _____

ATHINA H. MAGILTON
NOTARY PUBLIC
MY COMMISSION EXPIRES JUNE 30, 2011

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

16 Feb 2010
Date

Rene Abreu
Rene Abreu

State of Florida)

County of Sumter)

I, Kathleen L. Ciesco, a Notary Public for said County and State, do hereby certify that personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16th day of February, 2010

(Official Seal)



[Signature]
Notary Public

My commission expires 11/20/11