

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Mark Tyree Gruneisen</td> <td>08/16/2007</td> </tr> <tr> <td>Matthew B. Garvin</td> <td>08/06/2007</td> </tr> <tr> <td>Raymond C. Dymale</td> <td>12/21/2007</td> </tr> <tr> <td>James R. Rotge</td> <td>12/21/2007</td> </tr> </tbody> </table>		Name	Execution Date	Mark Tyree Gruneisen	08/16/2007	Matthew B. Garvin	08/06/2007	Raymond C. Dymale	12/21/2007	James R. Rotge	12/21/2007		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Government of the United States as Represented by the Secretary of the Air Force</td> </tr> <tr> <td>Street Address:</td> <td>1500 Wilson Blvd.</td> </tr> <tr> <td>Internal Address:</td> <td>SAF/GCQ, Suite 304</td> </tr> <tr> <td>City:</td> <td>Arlington</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>22209</td> </tr> </table>		Name:	The Government of the United States as Represented by the Secretary of the Air Force	Street Address:	1500 Wilson Blvd.	Internal Address:	SAF/GCQ, Suite 304	City:	Arlington	State/Country:	VIRGINIA	Postal Code:	22209
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (505)846-0279</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 505-846-1542</p> <p>Email: james.skorich@kirtland.af.mil</p> <p>Correspondent Name: JAMES M. SKORICH</p> <p>Address Line 1: 377 ABW/JAN</p> <p>Address Line 2: 2251 MAXWELL ST., SE</p> <p>Address Line 4: KIRTLAND AFB, NEW MEXICO 87117-5773</p>													
ATTORNEY DOCKET NUMBER:	PRS181												
NAME OF SUBMITTER:	James M. Skorich												

CH \$40.00 12495674

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**PATENT**  
**REEL: 022898 FRAME: 0305**

Total Attachments: 3

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# ASSIGNMENT

WHEREAS we, Mark T. Gruneisen and Matthew B. Garvin, while employed by the Government of the United States, made jointly with Raymond C. Dymale and James R. Rotge an invention titled "Mosaic Imager Using Wave Front Control," described in an application for Letters Patent of the United States executed by us on the 16 day of August 2007, and the 06 day of August, 2007, respectively;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to our entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we, Mark T. Gruneisen and Matthew B. Garvin, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, our entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States. We hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of our entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and we hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers that may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that we shall not be subject to any out-of-pocket expense relative to such action.

Mark T. Gruneisen  
MARK T. GRUNEISEN

SIGNED and acknowledged before me this 16<sup>th</sup> day of August, 2007, at Kirtland Air Force Base, County of Bernalillo, and State of New Mexico.

(Seal)

Lillian B. Watts  
Notary Public

My commission expires on May 31, 2009.

Matthew B. Garvin  
MATTHEW B. GARVIN

SIGNED and acknowledged before me this 06<sup>th</sup> day of August, 2007, at Wright Patterson AFB, County of Greene, and State of Ohio.

(Seal)

Pearly Wiehe  
PEARLY WIEHE  
Notary Public

My commission expires on 12 August 09.

# ASSIGNMENT

Application Title: Mosaic Imager Using Wave Front Control  
 Inventor(s): Raymond C. Dymale and James R. Rotgé  
 Date Inventor(s) Executed Declaration: August 3, 2007  
 Contractor: Boeing LTS, Inc.  
 Contract Number: FA9451-04-D-0411  
 Contractor's Invention No.: \_\_\_\_\_  
 Air Force Invention No.: PRS127


The undersigned Inventor(s) in recognition of their obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, hereby assign to the United States of America, as represented by the Secretary of the Air Force, their entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Mark T. Gruneisen and Matthew B. Garvin, employees of the United States Government, and any substitution, division, continuation-in-part, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

The Inventor(s) agree to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and prosecute such applications and make this assignment effective.

The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force their entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications, for patent.

Raymond C. Dymale  
 Raymond C. Dymale


SIGNED and acknowledged before me this 21<sup>st</sup> day of December, 2007, at KFCU  
 County of BERNALILLO, and State of New Mexico

(seal)  OFFICIAL SEAL  
 DORIS J. FOSTER  
 NOTARY PUBLIC-STATE OF NEW MEXICO  
 My commission expires: 12-30-09

Doris J. Foster  
 Notary Public

James R. Rotgé  
 James R. Rotgé

SIGNED and acknowledged before me this 21<sup>st</sup> day of December, 2007, at KFCU  
 County of BERNALILLO, and State of New Mexico

(seal)  OFFICIAL SEAL  
 DORIS J. FOSTER  
 NOTARY PUBLIC-STATE OF NEW MEXICO  
 My commission expires: 12-30-09

Doris J. Foster  
 Notary Public

FOR THE CONTRACTOR

Contractor: Boeing LTS, Inc.

By: Wayne A. Gaudin  
(Signature of officer or agent)

Date: December 21, 2007

Printed Name: Wayne A. Gaudin

Title: Contracts Administrator

Business Address: 6200 Upjohn Blvd., Suite 240  
Albuquerque NM 87110-4042

I, Larry Pintel, certify that I am the President of the corporation named as Contractor herein; that Wayne Gaudin who signed this assignment on behalf of the Contractor was then Contracts Administrator of said corporation; that said assignment was duly signed for and on behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Larry Pintel  
(Signature of Secretary or certifying official)