

# 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>John L. Vampola</td> <td>01/07/2010</td> </tr> <tr> <td>William H. Frye</td> <td>01/07/2010</td> </tr> <tr> <td>Sean P. Kilcoyne</td> <td>01/08/2010</td> </tr> </tbody> </table>		Name	Execution Date	John L. Vampola	01/07/2010	William H. Frye	01/07/2010	Sean P. Kilcoyne	01/08/2010		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Raytheon Company</td> </tr> <tr> <td>Street Address:</td> <td>870 Winter Street</td> </tr> <tr> <td>City:</td> <td>Waltham</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02451-1449</td> </tr> </table>		Name:	Raytheon Company	Street Address:	870 Winter Street	City:	Waltham	State/Country:	MASSACHUSETTS	Postal Code:	02451-1449
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (214)661-4559  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 214-953-6447        Email: elizabeth.turlo@bakerbotts.com        Correspondent Name: Bradley P. Williams        Address Line 1: 2001 ROSS AVENUE, 6th Floor        Address Line 2: Baker Botts L.L.P.        Address Line 4: DALLAS, TEXAS 75201-2980</p>											
ATTORNEY DOCKET NUMBER:	075896.0108										
NAME OF SUBMITTER:	Elizabeth A. Turlo										
<p>Total Attachments: 4          source=0758960108asgn#page1.tif</p>											

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**PATENT**  
**REEL: 023777 FRAME: 0190**

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ASSIGNMENT

**WHEREAS**, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, Raytheon Company (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 870 Winter Street, Waltham, Massachusetts 02451-1449, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

ATTORNEY DOCKET NO.  
075896.0108


PATENT ASSIGNMENT

2

Title of Invention:

Image Device Having a Plurality of Detectors in  
a Time Delay and Integration (TDI)  
Configuration and Associated Method

Signature of Joint Inventor:  
Inventor's Name:

  
John L. Vampola

Residence (City, County, State):

Santa Barbara, Santa Barbara County, California

Post Office Address

1260 Orchid Drive  
Santa Barbara, California 93111-2914

Date Assignment executed:

1/7/2010

Date Application (Declaration) executed:

1/7/2010

DAL01:1107044

ATTORNEY DOCKET NO.  
075896.0108


PATENT ASSIGNMENT

3

Title of Invention:

**Image Device Having a Plurality of Detectors in  
a Time Delay and Integration (TDI)  
Configuration and Associated Method**

Signature of Joint Inventor:  
Inventor's Name:

  
William H. Frye

Residence (City, County, State):

Goleta, Santa Barbara County, California

Post Office Address

89 Touran Lane  
Goleta, California 93117-8004

Date Assignment executed:

Jan 7 2010

Date Application (Declaration) executed:

Jan 7, 2010

DAL01:1107044

ATTORNEY DOCKET NO.  
075896.0108

PATENT ASSIGNMENT

4

Title of Invention:

Image Device Having a Plurality of Detectors in  
a Time Delay and Integration (TDI)  
Configuration and Associated Method

Signature of Joint Inventor:  
Inventor's Name:

  
Sean P. Kilcoyne

Residence (City, County, State):

Lompoc, Santa Barbara County, California

Post Office Address

1204 Harris Drive  
Lompoc, California, 93436

Date Assignment executed:

1/8/10

Date Application (Declaration) executed:

1/8/10

DAL01:1107044