

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Scot T. Smith</td> <td>10/05/2010</td> </tr> <tr> <td>Kimberly M. Blume</td> <td>10/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Scot T. Smith	10/05/2010	Kimberly M. Blume	10/06/2010				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Northrop Grumman Systems Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1840 Century Park East</td> </tr> <tr> <td>City:</td> <td>Los Angeles</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>90067-2199</td> </tr> </table>		Name:	Northrop Grumman Systems Corporation	Street Address:	1840 Century Park East	City:	Los Angeles	State/Country:	CALIFORNIA	Postal Code:	90067-2199
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CORRESPONDENCE DATA											
<p>Fax Number: (704)444-1111</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 704-444-1000</p> <p>Email: sarah.simmons@alston.com</p> <p>Correspondent Name: ALSTON & BIRD LLP</p> <p>Address Line 1: BANK OF AMERICA PLAZA</p> <p>Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000</p> <p>Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000</p>											
ATTORNEY DOCKET NUMBER:	034726/387028										
NAME OF SUBMITTER:	Adam M. Kaplan										
<p>Total Attachments: 3</p> <p>source=387028Assignment#page1.tif</p> <p>source=387028Assignment#page2.tif</p>											

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PATENT
REEL: 025120 FRAME: 0958

ASSIGNMENT

WHEREAS, I/we **Scot T. Smith and Kimberly M. Blume, Executor of the Estate of Michael L. Blume (Deceased)**, hereinafter referred to as Assignor has invented certain new and useful improvements *OPTICS FOR MULTI DIMENSIONAL IMAGING* described in an application for United States Letters Patent, Application No. 12/804,427, filed July 21, 2010, executed by me/us on the date as stated below;

WHEREAS, **Northrop Grumman Systems Corporation**, a Delaware corporation, having its principal place of business at 1840 Century Park East, Los Angeles, CA 90067-2199, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

NOW, THEREFORE, in consideration of Assignor's obligations to Northrop Grumman Systems Corporation, and for other good and valuable consideration, the receipt and sufficiency is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;


Assignor hereby acknowledges that at the time of making the improvements herein identified, Assignor was under an obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;

Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, Northrop Grumman Systems Corporation, its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same right or could have been held and enjoyed by Assignor had this Assignment not been made.

Assignor hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting said improvements; to promptly provide Assignor with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignor; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this

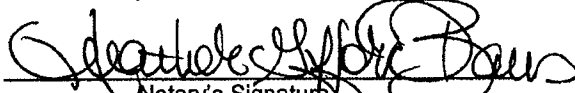
5th day of October, 2010.


Scot T. Smith, Assignor's Signature

STATE OF Florida)
COUNTY OF Orange) ss

On October 5th 2010, Scot T. Smith, personally appeared
Scot T. Smith, personally known to me, or – proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to this instrument and acknowledge to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument to be the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

WITNESS my hand and official seal


Notary's Signature

(Seal)



IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this

6 day of Oct, 2010.


Kimberly M. Blume, Executor of the Estate of Michael L. Blume (Deceased),
Assignor's Signature

STATE OF Florida)
COUNTY OF Seminole) ss

On 10-6-2010 before me, Laurie C. Johansen, personally appeared Kimberly M. Blume, Executor of the Estate of Michael L. Blume (Deceased), personally known to me – or – proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to this instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument to be the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal


Notary's Signature

(Seal)

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