

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT             |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
|---|----------------------------|----------------|---------------------|------------|----------------|------------|-----------------|------------|----------------------|------------|-----------------|------------|--|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| CONVEYING PARTY DATA  |                            |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Timothy J. Imholt</td><td>08/27/2008</td></tr><tr><td>Jerry M. Grimm</td><td>08/19/2008</td></tr><tr><td>James A. Pruett</td><td>08/11/2008</td></tr><tr><td>Christopher J. Gintz</td><td>08/15/2008</td></tr><tr><td>Graham E. Gintz</td><td>08/15/2008</td></tr></tbody></table> | Name                       | Execution Date | Timothy J. Imholt   | 08/27/2008 | Jerry M. Grimm | 08/19/2008 | James A. Pruett | 08/11/2008 | Christopher J. Gintz | 08/15/2008 | Graham E. Gintz | 08/15/2008 |  |
| Name  | Execution Date             |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Timothy J. Imholt   | 08/27/2008                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Jerry M. Grimm  | 08/19/2008                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| James A. Pruett   | 08/11/2008                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Christopher J. Gintz  | 08/15/2008                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Graham E. Gintz   | 08/15/2008                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| RECEIVING PARTY DATA  |                            |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Name:   | Raytheon Company           |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Street Address:   | 870 Winter Street          |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| City:   | Waltham                    |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| State/Country:  | MASSACHUSETTS              |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Postal Code:  | 02451-1449                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| PROPERTY NUMBERS Total: 1   |                            |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12152642</td></tr></tbody></table>  | Property Type              | Number         | Application Number: | 12152642   |                |            |                 |            |                      |            |                 |            |  |
| Property Type   | Number                     |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Application Number:   | 12152642                   |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| CORRESPONDENCE DATA   |                            |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Fax Number:   | (480)994-9025              |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                            |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Phone:  | 480-994-9859               |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Email:  | dnoblitt@ngtechlaw.com     |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Correspondent Name:   | Daniel J. Noblitt          |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Address Line 1:   | 4800 NORTH SCOTTSDALE ROAD |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Address Line 2:   | SUITE 6000                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| Address Line 4:   | SCOTTSDALE, ARIZONA 85251  |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| ATTORNEY DOCKET NUMBER:   | 10070.0700                 |                |                     |            |                |            |                 |            |                      |            |                 |            |  |
| NAME OF SUBMITTER:  | Daniel J. Noblitt          |                |                     |            |                |            |                 |            |                      |            |                 |            |  |

OP \$40.00 12152642

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PATENT  
REEL: 021483 FRAME: 0830

**Total Attachments: 6**

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## ASSIGNMENT

**WHEREAS**, each undersigned inventor (hereinafter "ASSIGNOR") of the address indicated below, is an inventor of "SYSTEM AND METHODS OF DISPERSION OF NANOSTRUCTURES IN COMPOSITE MATERIALS" for which an application for Letters Patent of the United States has been filed on 5/14/2008, and assigned serial no. 12/152,642;

**AND WHEREAS**, Raytheon Company (hereinafter "ASSIGNEE"), an entity having its principal place of business and mailing address at ,870 Winter Street Waltham, Massachusetts 02451-1449 is desirous of memorializing its interest therein;

**NOW, THEREFORE**, the undersigned ASSIGNOR hereby confirms ASSIGNEE owns the invention as described in the aforesaid application. Nonetheless, to comport with Patent and Trademark Office procedures, ASSIGNOR memorializes that transfer in the form of this assignment and;


**THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign, and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR's full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with any related applications or rights, including any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, reexamination, foreign, PCT, or other patent application or like document or right, and any right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

**AND HEREBY AGREES** to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

**AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**EXECUTED** as of the date written below by ASSIGNOR:

Inventor: Timothy J. Imholt

Signature:  Date: \_\_\_\_\_

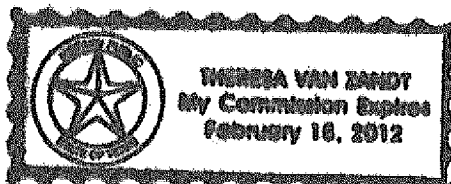
Residence address: 1209 Grant Dr., Richardson, Texas 75071-2516

STATE OF Texas )  
 ) ss.  
COUNTY OF Dallas )

On this 27<sup>th</sup> day of August, 2008, before me, a notary public in and for said county, appeared Timothy J. Imholt, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)

  
Notary Public



Inventor: Jerry M. Grimm

Signature: *[Handwritten Signature]*

Date: 8/19/08

Residence address: 4521 Bentley Drive, Plano, Texas 75093-7150

STATE OF Texas )

) ss.

COUNTY OF Dallas )

On this 19<sup>th</sup> day of August, 2008, before me, a notary public in and for said county, appeared Jerry M. Grimm, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)

*Theresa Van Zandt*

Notary Public



Inventor: James A. Pruett

Signature: James A. Pruett

Date: 08/11/08

Residence address: 725 Stinson Road, Lucas, Texas 75002

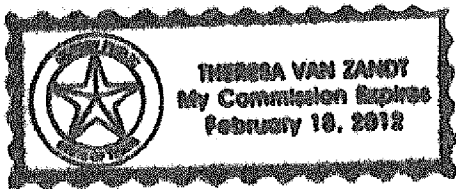
STATE OF Dallas )  
 ) ss.  
COUNTY OF Texas )

On this 11<sup>th</sup> day of August, 2008, before me, a notary public in and for said county, appeared James A. Pruett, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)

Theresa Van Landt

Notary Public



Inventor: Christopher J. Gintz

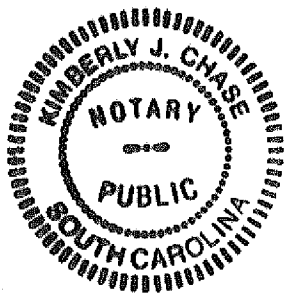
Signature: *Christopher J. Gintz* Date: 8/15/08

Residence address: 14 Black Tern Road, Hilton Head Island, South Carolina 29928

STATE OF South Carolina  
COUNTY OF Beaufort ) ss.

On this 15<sup>th</sup> day of August, 2008, before me, a notary public in and for said county, appeared Christopher J. Gintz, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)



*Kimberly Chase*  
Notary Public  
My commission expires  
February 19<sup>th</sup> 2018

Inventor: Graham E. Gintz

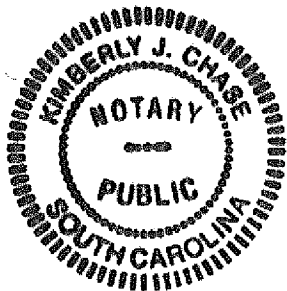
Signature: *G. E. Gintz* Date: 8/15/08

Residence address: 14 Black Tern Road, Hilton Head Island, South Carolina 29928

STATE OF South Carolina  
COUNTY OF Beaufort ) ss.

On this 15<sup>th</sup> day of August, 2008, before me, a notary public in and for said county, appeared Graham E. Gintz, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)



*Kimberly Chase*  
Notary Public

My commission expires  
February 19<sup>th</sup> 2018