

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>J. David Benson</td><td>12/27/2004</td></tr><tr><td>John H. Dinan</td><td>12/27/2004</td></tr><tr><td>Michael Martinka</td><td>12/27/2004</td></tr><tr><td>Leo A. Almeida</td><td>12/27/2004</td></tr><tr><td>Andrew Kaleczyc</td><td>12/27/2004</td></tr><tr><td>Andrew Stoltz</td><td>12/27/2004</td></tr><tr><td>Phillip R. Boyd</td><td>12/27/2004</td></tr></tbody></table>	Name	Execution Date	J. David Benson	12/27/2004	John H. Dinan	12/27/2004	Michael Martinka	12/27/2004	Leo A. Almeida	12/27/2004	Andrew Kaleczyc	12/27/2004	Andrew Stoltz	12/27/2004	Phillip R. Boyd	12/27/2004	
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RECEIVING PARTY DATA																	
<table border="1"><tr><td>Name:</td><td>United States of America</td></tr><tr><td>Street Address:</td><td>As Represented by the Department of the Army</td></tr><tr><td>City:</td><td>Washington</td></tr><tr><td>State/Country:</td><td>DISTRICT OF COLUMBIA</td></tr><tr><td>Postal Code:</td><td>20510</td></tr></table>	Name:	United States of America	Street Address:	As Represented by the Department of the Army	City:	Washington	State/Country:	DISTRICT OF COLUMBIA	Postal Code:	20510							
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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>10389760</td></tr></tbody></table>	Property Type	Number	Application Number:	10389760													
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Application Number:	10389760																
CORRESPONDENCE DATA																	
Fax Number: (703)704-2226 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Email: art.samora@nvl.army.mil																	
Correspondent Name: Arthur K. Samora																	
Address Line 1: 10235 Burbeck Road																	
Address Line 2: Bldg 307, Rm 107																	
Address Line 4: Fort Belvoir, VIRGINIA 22060-5806																	
NAME OF SUBMITTER:	Arthur K. Samora																

CH \$40.00 10389760

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PATENT
REEL: 015505 FRAME: 0671

Total Attachments: 6

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PATENT

REEL: 015505 FRAME: 0672

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

J. DAVID BENSON
JOHN H. DINAN
MICHAEL MARTINKA
LEO A. ALMEIDA

ANDREW KALECZYK
ANDREW STOLTZ
PHILLIP R. BOYD

Execution Date(s) 12/27/04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: UNITED STATES OF AMERICA AS

Internal Address: REPRESENTED BY THE DEPARTMENT
OF THE ARMY

Street Address: _____

City: WASHINGTON, D.C.

State: _____

Country: USA Zip: 20510

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
10/389,760

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: ARTHUR K. SAMORA

Internal Address: INTELLECTUAL PROPERTY
10235 BURBECK ROAD

Street Address: BLDG 307, ROOM 107

City: FT BELVOIR

State: VIRGINIA Zip: 22060-5806

Phone Number: 703-704-2227

Fax Number: 703-704-2226

Email Address: ART.SAMORA@NVL.ARMY.MIL

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 19-2201

Authorized User Name ARTHUR K. SAMORA

9. Signature:

Arthur K. Samora

Signature

ARTHUR K. SAMORA

Name of Person Signing

Date

1/3/2005

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

(Government Employee)

Title of Invention: FULLERENE ADDITION IN PHOTORESIST VIA INCORPORATION IN THE DEVELOPER

Inventor: J. DAVID BENSON, JOHN H. DINAN, MICHAEL MARTINKA, LEO A. ALMEIDA, ANDREW KALECZYC, ANDREW STOLTZ, PHILLIP R. BOYD

*Serial Number 10/389, 760

*Filing Date 03/18/2003

Docket Number NVL 3260

Oath Executed 12/3/04

(I) (We), J. DAVID BENSON, the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.
2. Agree to assign to the Government upon its request all right, title and interest in the invention in those foreign countries in which the Government determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.
3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: J. David Benson

Address: BURKE FAIRFAX VIRGINIA

Locality

County

State

Date: 12/3/04

J. DAVID BENSON

Inventor's Typed Name

State of (VIRGINIA)

) ss.

County of FAIRFAX

On the above date J. DAVID BENSON known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

Kathleen Gagne-Proctor
(Signature of Notary Public)

(SEAL)

My Commission expires on

July 31, 2008

Assignment (Cont'd)
(Government Employee)

Title of Invention: FULLERENE ADDITION IN PHOTORESIST VIA INCORPORATION IN THE DEVELOPER

Inventor(s): J. DAVID BENSON, JOHN H. DINAN, MICHAEL MARTINKA, LEO A. ALMEIDA,
ANDREW KALECZYK, ANDREW STOLTZ, AND PHILLIP R. BOYD

Signature of Inventor: John H. Dinan

(First Name, Initial, Last Name)

Address: ALEXANDRIA FAIRFAX Virginia

Locality

County

State

Date 17 Dec 04

Inventor's Typed Name JOHN H. DINAN

State of (VIRGINIA)

)ss.

County of (FAIRFAX)

On the above date JOHN H. DINAN, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

Patricia Boone-Proctor
(Signature of Notary)

(SEAL)

My Commission Expires on

Embossed Hereon Is My
Commonwealth of Virginia Notary Public Seal
My Commission Expires July 31, 2008
PATRICIA BOONE-PROCTOR

Signature of Inventor: Michael Martinka

(First Name, Initial, Last Name)

Address SPRINGFIELD FAIRFAX VIRGINIA

Locality

County

State

Date 12/13/2004

Inventor's Typed Name MICHAEL MARTINKA

State of ()

)ss.

County of ()

On the above date MICHAEL MARTINKA known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

Patricia Boone-Proctor
(Signature of Notary)

(SEAL)

My Commission Expires on

31 July 2008

Embossed Hereon Is My
Commonwealth of Virginia Notary Public Seal
My Commission Expires July 31, 2008
PATRICIA BOONE-PROCTOR

PATENT
REEL: 015505 FRAME: 0675

Assignment (Cont'd)
(Government Employee)

Title of Invention: FULLERENE ADDITION IN PHOTORESIST VIA INCORPORATION IN THE DEVELOPER

Inventor(s): J. DAVID BENSON, JOHN H. DINAN, MICHAEL MARTINKA, LEO A. ALMEIDA,
ANDREW KALECZYC, ANDREW STOLTZ, AND PHILLIP R. BOYD

Signature of Inventor: Leo A. Almeida
(First Name, Initial, Last Name)

Address: ALEXANDRIA FAIRFAX Virginia

Locality County State

Date 12/2/04 Inventor's Typed Name LEO A. ALMEIDA

State of (VIRGINIA)

)ss.

County of (FAIRFAX)

On the above date LEO A. ALMEIDA, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

Patricia Bogue-Proctor
(Signature of Notary)

(SEAL)

My Commission Expires on _____

Embossed Hereon is My
Commonwealth of Virginia Notary Public Seal
My Commission Expires July 31, 2006
PATRICIA-BOGUE-PROCTOR

Signature of Inventor: _____

(First Name, Initial, Last Name)

Address ST. LEONARD ST. MARY MARYLAND
Locality County State

Date _____ Inventor's Typed Name PHILLIP R. BOYD

State of ()

)ss.

County of ()

On the above date PHILLIP R. BOYD known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(Signature of Notary)

(SEAL)

My Commission Expires on _____

Assignment (Cont'd)
(Government Employee)

Title of Invention: FULLERENE ADDITION IN PHOTORESIST VIA INCORPORATION IN THE DEVELOPER

Inventor(s): J. DAVID BENSON, JOHN H. DINAN, MICHAEL MARTINKA, LEO A. ALMEIDA,
ANDREW KALECZYC, ANDREW STOLTZ, AND PHILLIP R. BOYD

Signature of Inventor: Andrew J. Stoltz, Jr.
First Name Initial Last Name
Address: STAFFORD STAFFORD VIRGINIA

Locality County State

X Date Dec 20, 2004 Inventor's Typed Name ANDREW J. STOLTZ, JR

State of VIRGINIA

)ss.

County of FAIRFAX

On the above date ANDREW J. STOLTZ, JR., known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

Patricia Boone-Proctor
(Signature of Notary)

(SEAL)

My Commission Expires on _____

Signature of Inventor: Andrew W. Kalecyc
First Name Initial Last Name

Address: ALEXANDRIA FAIRFAX VIRGINIA
Locality County State

✓ Date 12-20-2004 Inventor's Typed Name ANDREW W. KALECZYC

State of (VIRGINIA)

)ss.

County of (FAIRFAX)

On the above date ANDREW W. KALECZYC, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

Patricia Boone-Proctor
(Signature of Notary)

(SEAL)

My Commission Expires on _____

Embossed Hereon is My
Commonwealth of Virginia Notary Public Seal
My Commission Expires July 31, 2008
PATRICIA BOONE-PROCTOR

PATENT
REEL: 015505 FRAME: 0677

Assignment (Cont'd)
(Government Employee)

Title of Invention: FULLERENE ADDITION IN PHOTORESIST VIA INCORPORATION IN THE DEVELOPER

Inventor(s): J. DAVID BENSON, JOHN H. DINAN, MICHAEL MARTINKA, LEO A. ALMEIDA,
ANDREW KALECZYK, ANDREW STOLTZ, AND PHILLIP R. BOYD

Signature of Inventor:

Phillip R. Boyd
First Name Initial Last Name

Address: ST. LEONARD CALVERT MARYLAND

Locality County State

Date 12-27-04

Inventor's Typed Name PHILLIP R. BOYD

State of MARYLAND

)ss.

County of CALVERT

On the above date PHILLIP R. BOYD, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

Steven A. Johnson
(Signature of Notary)

(SEAL)

STEVEN A. JOHNSON
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires on 03-01-08

Signature of Inventor:

First Name Initial Last Name

Address:

Locality County State

Date

Inventor's Typed Name

State of ()

)ss.

County of ()

On the above date _____, known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own free act and deed.

(Signature of Notary)

(SEAL)

My Commission Expires on _____