

PATENT ASSIGNMENT

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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>Bruce H. Weiller</td> <td>03/13/2013</td> </tr> <tr> <td>Jesse D. Fowler</td> <td>03/13/2013</td> </tr> <tr> <td>Randy M. Villahermosa</td> <td>03/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bruce H. Weiller	03/13/2013	Jesse D. Fowler	03/13/2013	Randy M. Villahermosa	03/13/2013		
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<table border="1"> <tr> <td>Name:</td> <td>The Aerospace Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2310 East El Segundo Boulevard</td> </tr> <tr> <td>City:</td> <td>El Segundo</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>90245</td> </tr> </table>		Name:	The Aerospace Corporation	Street Address:	2310 East El Segundo Boulevard	City:	El Segundo	State/Country:	CALIFORNIA	Postal Code:	90245
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 8583141150 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-314-1200</p> <p>Email: cquatrino@jonesday.com, MVdiaz@jonesday.com</p> <p>Correspondent Name: JONES DAY</p> <p>Address Line 1: 222 East 41st Street</p> <p>Address Line 4: New York, NEW YORK 10017-6702</p>											
ATTORNEY DOCKET NUMBER:	12709-043-999/467972-043										
NAME OF SUBMITTER:	Christina Quatrino										
<p>Total Attachments: 3</p> <p>source=12709-043-999_Assignment#page1.tif</p> <p>source=12709-043-999_Assignment#page2.tif</p> <p>source=12709-043-999_Assignment#page3.tif</p>											

CH \$40.00 13802042

JOINT

ASSIGNMENT

WHEREAS, WE, Bruce H. WEILLER, citizen of the United States, having a mailing address of 918 23rd Street, Santa Monica, California 90403 residing at Santa Monica, California, Jesse D. FOWLER, citizen of the United States, having a mailing address of 302 Maryland Street #5, El Segundo, California 90245 residing at El Segundo, California, and Randy M. VILLAHERMOSA, a citizen of the United States, having a mailing address of 1483 La Loma Road, Pasadena, California 91105 residing at Pasadena, California, ASSIGNORS, are the inventors of the invention in SYSTEMS AND METHODS FOR INHIBITING CONTAMINATION ENHANCED LASER INDUCED DAMAGE (CELID) BASED ON FLUORINATED SELF-ASSEMBLED MONOLAYERS DISPOSED ON OPTICS for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐ [DATE]
☒ which is identified by Jones Day docket no. 12709-043-999/467972-999043
☐ which was filed on, Application No.
☒ We hereby authorize and request attorney(s) Jaime D. Choi at Jones Day, to insert here in parentheses (Application number 13/802,042, filed 3/13/13) the filing date and application number of said application when known.

and WHEREAS, The Aerospace Corporation, a corporation organized and existing under the laws of the state of California, and having an office for the transaction of business at 2310 E. El Segundo Boulevard, California 90245, United States, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:




NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 3/13/13, 2013  L.S.
Bruce H. WEILLER
Date 03/13/2013, 2013  L.S.
Jesse D. FOWLER
Date 03/13/2013, 2013  L.S.
Randy M. VILLAHERMOSA

STATE OF CALIFORNIA)

COUNTY OF Los Angeles)

On 3/13/13 before me, Carole Ann Mulchinski, Notary Public, personally appeared Bruce H. WEILLER, who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged 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 the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

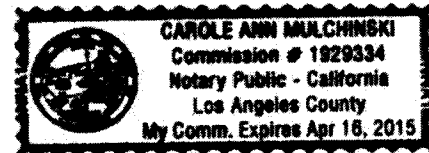
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Carole Ann Mulchinski (Seal)

STATE OF CALIFORNIA)

COUNTY OF Los Angeles)



On 3/13/13 before me, Carole Ann Mulchinski, Notary Public, personally appeared Jesse D. FOWLER, who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged 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 the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

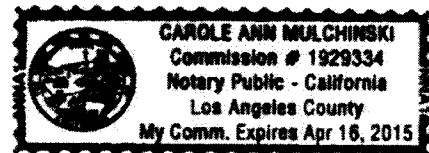
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Carole Ann Mulchinski (Seal)

STATE OF CALIFORNIA)

COUNTY OF Los Angeles)

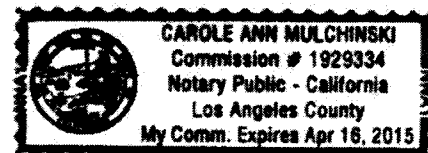


On 3/13/13 before me, Carole Ann Mulchinski, Notary Public, personally appeared Randy M. VILLAHERMOSA, who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~ies~~, and that by his/~~her/their~~ signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Carole Ann Mulchinski (Seal)



ACCEPTED AND AGREED TO BY ASSIGNEE, The Aerospace Corporation:

Signature Robert Donald Mathews Date: March 13, 2013

Printed name ROBERT DONALD MATTHEWS

Title Assistant General Counsel
The Aerospace Corporation