

## 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>Derek Doyle</td> <td>04/02/2012</td> </tr> <tr> <td>Derek Hengeveld</td> <td>04/02/2012</td> </tr> <tr> <td>Loadpath L.L.C.</td> <td>04/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Derek Doyle	04/02/2012	Derek Hengeveld	04/02/2012	Loadpath L.L.C.	04/02/2012				
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<table border="1"> <tr> <td>Name:</td> <td>The United States of America as represented by the Secretary of the Air Force</td> </tr> <tr> <td>Street Address:</td> <td>2240 B Street</td> </tr> <tr> <td>Internal Address:</td> <td>LO/JAZ, Building 11, Room D18</td> </tr> <tr> <td>City:</td> <td>Wright-Patterson AFB</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>45433-7109</td> </tr> </table>		Name:	The United States of America as represented by the Secretary of the Air Force	Street Address:	2240 B Street	Internal Address:	LO/JAZ, Building 11, Room D18	City:	Wright-Patterson AFB	State/Country:	OHIO	Postal Code:	45433-7109
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CORRESPONDENCE DATA													
<p>Fax Number: (505)846-0279</p> <p>Phone: 505-846-3398</p> <p>Email: James.Skorich@kirtland.af.mil</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: JAMES M. SKORICH</p> <p>Address Line 1: AFNWC/JAN</p> <p>Address Line 2: 2251 MAXWELL ST., SE</p> <p>Address Line 4: KIRTLAND AFB, NEW MEXICO 87117-0001</p>													
NAME OF SUBMITTER:	James M. Skorich												
<p>Total Attachments: 4</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p> <p>source=Assignment#page4.tif</p>													

CH \$40.00 13437799

## ASSIGNMENT

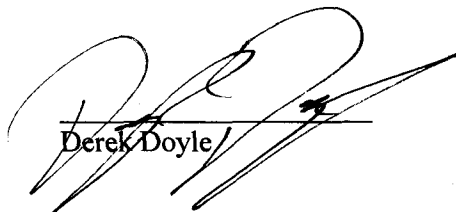
WHEREAS, I, Derek Doyle, while employed by the Government of the United States, made an invention jointly with Derek Hengeveld, titled "Real-time Evaluation of Change in Thermal Conductivity Across an Interface," and described in application for Letters Patent of the United States executed by me on the 2<sup>nd</sup> day of April, 2012;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under Paragraph 1 (a) of Executive Order 10096, to the entire right, title and interest therein of the Government employees' inventions, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Derek Doyle, co-inventor, have sold, assigned and transferred and by these presents do sell, assign and transfer unto the Government of the United States of America as represented by the Secretary of the Air Force, my entire undivided right, title and interest throughout the United States of America, its territories and dependencies, in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States, and all Letters Patent issuing thereon and any continuations, divisions and reissues or extensions thereof; I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as assignee of my undivided right title and interest in and to the same throughout the United States of America, its territories and dependencies, for the sole use for the full term or terms for which said Letters Patent and any continuations, divisions and reissues or extensions thereof are, or may be granted as fully and entirely as the same would have been held by me, had this assignment not been made; and I do hereby also grant unto the Government of the United States as represented by the Secretary of the Air Force, the option to take my entire undivided right title and interest in said invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this grant of an option to take foreign rights in the joint invention, or application for Letters Patent thereon, shall have force and effect only as to such applications filed in foreign countries within six months of the filing date of any application for United States Letters Patent covering said joint invention, or within six months from the declassification of said invention, whichever is later, and that all foreign rights in said entire undivided right title and interest not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in my undivided right title and interest in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government of the United States and/or in furtherance of the foreign policies of the Government of the United States, and I, joint inventor, hereby agrees to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary for the preparation of filing of such domestic applications , or for the Government to

exercise its option granted hereunder, except that it shall be understood that I shall not be subject to any out-of-pocket expense relative to such action.

  
Derek Doyle


STATE OF: NEW MEXICO

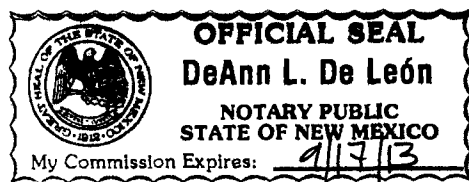
SS:

COUNTY OF: BERNALILLO

Before me, a Notary Public in and for the county of BERNALILLO and state of NEW MEXICO, on this 2ND day of APRIL, 2012, personally appeared Derek Doyle, who being duly sworn did say that he is the co- inventor who signed the above Assignment as his free act and deed.

(Seal)

  
Notary Public



# ASSIGNMENT

Application Title: Real-time Evaluation of Change in Thermal Conductivity Across an Interface  
Inventor: Derek Hengeveld  
Date Inventors Executed Declaration: \_\_\_\_\_  
Contractor: Loadpath L.L.C.  
Contract Number: \_\_\_\_\_  
Contractor's Invention No.: \_\_\_\_\_  
Air Force Invention No.: PRS210

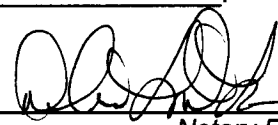
The undersigned Inventor in recognition of his obligation as an employee of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, hereby assigns to the United States of America, as represented by the Secretary of the Air Force, his entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Derek Doyle, an employee of the United States Government, and any substitution, division, continuation-in-part, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

The Inventor agrees to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and prosecute such applications and make this assignment effective.

The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force its entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications for patent.

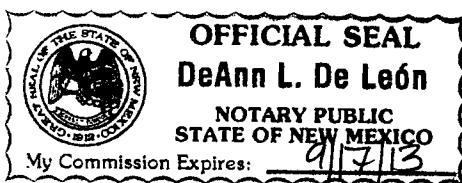
  
Derek Hengeveld

SIGNED and acknowledged before me this 2ND day of April, 2012, at APRIL, County of BERNALILLO, and State of NEW MEXICO

  
Notary Public

DeAnn L. De León

(seal)



**FOR THE CONTRACTOR**

Contractor: Loadpath LLC

By: \_\_\_\_\_

*(Signature of officer or agent)*

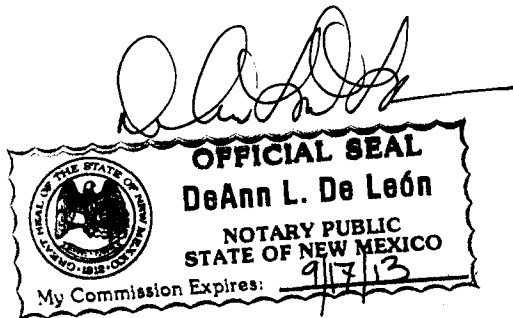
Date: April 2, 2012

Printed Name: Gregory E. Sanford

Title: owner

Business Address: 933 San Mateo Boulevard, N. E., Suite 500-326  
Albuquerque, New Mexico 87108

I, Gregory E. Sanford, certify that I am an owner of the corporation named as Contractor herein; that said assignment is duly signed for and on behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.



\_\_\_\_\_

*(Signature)*