

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2623815

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>IK HYEON CHOI</td> <td>11/05/2013</td> </tr> <tr> <td>CHEOL HO LIM</td> <td>11/05/2013</td> </tr> <tr> <td>EUN SUP SIM</td> <td>11/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	IK HYEON CHOI	11/05/2013	CHEOL HO LIM	11/05/2013	EUN SUP SIM	11/05/2013		
Name	Execution Date										
IK HYEON CHOI	11/05/2013										
CHEOL HO LIM	11/05/2013										
EUN SUP SIM	11/05/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>KOREA AEROSPACE RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>169-84, GWAHAK-RO, YUSEONG-GU</td> </tr> <tr> <td>City:</td> <td>DAEJEON</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>305-806</td> </tr> </table>		Name:	KOREA AEROSPACE RESEARCH INSTITUTE	Street Address:	169-84, GWAHAK-RO, YUSEONG-GU	City:	DAEJEON	State/Country:	KOREA, REPUBLIC OF	Postal Code:	305-806
Name:	KOREA AEROSPACE RESEARCH INSTITUTE										
Street Address:	169-84, GWAHAK-RO, YUSEONG-GU										
City:	DAEJEON										
State/Country:	KOREA, REPUBLIC OF										
Postal Code:	305-806										
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>14086161</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14086161						
Property Type	Number										
Application Number:	14086161										
CORRESPONDENCE DATA											
Fax Number:	(860)286-0115										
Phone:	860-286-2929										
Email:	usptopatentmail@cantorcolburn.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	CANTOR COLBURN LLP										
Address Line 1:	20 CHURCH STREET										
Address Line 2:	22ND FLOOR										
Address Line 4:	HARTFORD, CONNECTICUT 06103										
ATTORNEY DOCKET NUMBER:	PLU0224US										
NAME OF SUBMITTER:	JAEGYOO JANG										
Signature:	/Jaegyoo Jang/										

Date:	11/21/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=Dec_Assignment_PLU0224US#page1.tif source=Dec_Assignment_PLU0224US#page2.tif	

DECLARATION AND ASSIGNMENT

Title of Invention: **METHOD OF MANUFACTURING UNEVENNESS SHAPED Z-PIN AND Z-PIN MANUFACTURED USING THE SAME AND COMPOSITE STRUCTURE INCLUDING THE Z-PIN**

As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ the attached application (Attorney Docket Number: PLU0224US), or

☐ United States application or PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

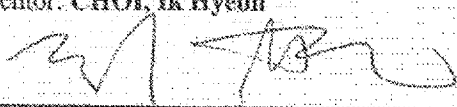
Whereas, Korea Aerospace Research Institute, a corporation of Republic of Korea having a place of business at 169-84, Gwahak-ro, Yuseong-gu, Daejeon 305-806 Republic of Korea (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such

had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.


I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor: **CHOI, Ik Hyeon**

Signature: 

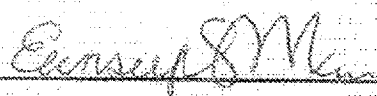
Date: Nov 5, 2013

Legal Name of Inventor: **LIM, Cheol Ho**

Signature: 

Date: NOV. 5, 2013

Legal Name of Inventor: **SIM, Eun Sup**

Signature: 

Date: Nov. 5, 2013