

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>Su Kyum KIM</td> <td>12/12/2011</td> </tr> <tr> <td>Myoung Jong YU</td> <td>12/14/2011</td> </tr> <tr> <td>Sung June CHO</td> <td>12/12/2011</td> </tr> <tr> <td>Sang Ryool LEE</td> <td>12/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Su Kyum KIM	12/12/2011	Myoung Jong YU	12/14/2011	Sung June CHO	12/12/2011	Sang Ryool LEE	12/14/2011
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Su Kyum KIM	12/12/2011										
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RECEIVING PARTY DATA											
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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>13377487</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13377487						
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Application Number:	13377487										
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ATTORNEY DOCKET NUMBER:	54312-10300										
NAME OF SUBMITTER:	Carol S. Donahue										
Total Attachments: 2 source=g110260p us_Assignment#page1.tif source=g110260p us_Assignment#page2.tif											

OP \$40.00 13377487

ASSIGNMENT


WHEREAS, we, Su Kyum KIM of 204-1403, Songrim Maeul Apt., Naeun-dong, Yuseong-gu, Daejeon 305-325 Republic of Korea; Myoung Jong YU of 105-1601, Yeolmae Maeul Apt., Jijok-dong, Yuseong-gu, Daejeon 305-330 Republic of Korea; Sung June CHO of 101-1702, Lotte Apt., Ilgok-dong, Buk-gu, Gwangju 500-793 Republic of Korea; and Sang Ryool LEE of 108-1301, Sinsong Worldcup Family Apt., 323-2, Jangdae-dong, Yuseong-gu, Daejeon 305-308 Republic of Korea have invented a certain new and useful invention entitled **CATALYST CARRIER FOR A SPACECRAFT THRUSTER AND METHOD FOR PREPARING SAME**, for which an application for Letters Patent of the United States is being filed herewith and said application being further identified as Attorney File No. **54312-10300**;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **KOREA AEROSPACE RESEARCH INSTITUTE**, having a place of business at **45, Eoeun-dong, Yuseong-gu, Daejeon 305-806 Republic of Korea**, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America, as well as all related provisional, non-provisional, continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions, Reexaminations, and/or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than **KOREA AEROSPACE RESEARCH INSTITUTE** and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to **KOREA AEROSPACE RESEARCH INSTITUTE**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.


IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 2011. 12. 12

By: 
KIM, Su Kyum

Witnessed:

Date: 2011. 12. 12

By: 
KIM, IL TAE

Date: Dec. 14, 2011

By: 유 명 중
YU, Myoung Jung

Witnessed:

Date: 2011. 12. 14

By: [Signature]
KIM IL TAE

Date: Dec. 12, 2011

By: [Signature]
CHO, Sung June

Witnessed:

Date: Dec. 12, 2011

By: [Signature]
SHIN, Hye Sun

Date: 2011. 12. 14

By: [Signature]
LEE, Sang Ryool

Witnessed:

Date: 2011. 12. 14

By: [Signature]
KIM. IL TAE