

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>Kazuaki HAYASAKA</td> <td>02/27/2012</td> </tr> <tr> <td>Hideki ONO</td> <td>02/23/2012</td> </tr> <tr> <td>Akira KOYAMA</td> <td>02/27/2012</td> </tr> <tr> <td>Hideshi IKI</td> <td>02/27/2012</td> </tr> </tbody> </table>	Name	Execution Date	Kazuaki HAYASAKA	02/27/2012	Hideki ONO	02/23/2012	Akira KOYAMA	02/27/2012	Hideshi IKI	02/27/2012	
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RECEIVING PARTY DATA											
Name:	JX NIPPON OIL & ENERGY CORPORATION										
Street Address:	6-3, Otemachi 2-chome, Chiyoda-ku										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	100-8162										
PROPERTY NUMBERS Total: 1											
Property Type	Number										
Application Number:	13391727										
CORRESPONDENCE DATA											
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Total Attachments: 1 source=P41575_Assign#page1.tif											

OP \$40.00 13391727

ASSIGNMENT

Whereas, I/we,

<u>Name</u>	<u>Address</u>
1) Kazuaki HAYASAKA	c/o JX Nippon Oil & Energy Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8162 Japan
2) Hideki ONO	c/o JX Nippon Oil & Energy Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8162 Japan
3) Akira KOYAMA	c/o JX Nippon Oil & Energy Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8162 Japan
4) Hideshi IKI	c/o JX Nippon Oil & Energy Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8162 Japan

hereinafter called assignor(s), have invented certain improvements in
METHOD FOR PRODUCING AVIATION FUEL OIL BASE AND AVIATION FUEL OIL COMPOSITION

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on February 22, 2012, Serial No. 13/391727; and

Whereas

JX Nippon Oil & Energy Corporation
 6-3, Otemachi 2-chome,
 Chiyoda-ku, Tokyo 100-8162 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1):	<u>Kazuaki Hayasaka</u>	<u>February 27, 2012</u>
Name:	Kazuaki HAYASAKA	
2):	<u>Hideki Ono</u>	<u>February 23, 2012</u>
Name:	Hideki ONO	
3):	<u>Akira Koyama</u>	<u>Feb. 27, 2012</u>
Name:	Akira KOYAMA	
4):	<u>Hideshi Iki</u>	<u>Feb. 27, 2012</u>
Name:	Hideshi IKI	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)