

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenichi TAKIZAWA</td> <td>11/22/2010</td> </tr> <tr> <td>Yoshiaki KOYASHIKI</td> <td>11/22/2010</td> </tr> <tr> <td>Hiroshi KOBAYASHI</td> <td>11/22/2010</td> </tr> <tr> <td>Masahito SHINBARA</td> <td>11/24/2010</td> </tr> <tr> <td>Hanako KATO</td> <td>11/22/2010</td> </tr> <tr> <td>Mari ABE</td> <td>11/22/2010</td> </tr> <tr> <td>Masanori YAMAZAKI</td> <td>11/22/2010</td> </tr> <tr> <td>Yutaka MORI</td> <td>11/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kenichi TAKIZAWA	11/22/2010	Yoshiaki KOYASHIKI	11/22/2010	Hiroshi KOBAYASHI	11/22/2010	Masahito SHINBARA	11/24/2010	Hanako KATO	11/22/2010	Mari ABE	11/22/2010	Masanori YAMAZAKI	11/22/2010	Yutaka MORI	11/25/2010
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Yutaka MORI	11/25/2010																		
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Name:	MITSUBISHI CHEMICAL CORPORATION																		
Street Address:	14-1, Shiba 4-chome, Minato-ku																		
City:	Tokyo																		
State/Country:	JAPAN																		
Postal Code:	108-0014																		
<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12935116</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12935116														
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Application Number:	12935116																		
<b>CORRESPONDENCE DATA</b>																			
Fax Number:	(703)413-2220																		
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**PATENT**  
**REEL: 025544 FRAME: 0505**

NAME OF SUBMITTER:

Adel Samuel

Total Attachments: 2

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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Date: <u>November 22, 2010</u>	<u><i>Hiroshi Kobayashi</i></u> (Signature of Inventor) Hiroshi KOBAYASHI
Date: <u>November 24, 2010</u>	<u><i>MASAHITO SHINBARA</i></u> (Signature of Inventor) Masahito SHINBARA
Date: <u>November 22, 2010</u>	<u><i>Hanako Kato</i></u> (Signature of Inventor) Hanako KATO
Date: <u>November 22, 2010</u>	<u><i>Mari Abe</i></u> (Signature of Inventor) Mari ABE
Date: <u>November 22, 2010</u>	<u><i>Masanori Yamazaki</i></u> (Signature of Inventor) Masanori YAMAZAKI
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