

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>Toshihiko SHIMOKAWA</td> <td>07/04/2012</td> </tr> <tr> <td>Kenji ISHII</td> <td>07/05/2012</td> </tr> <tr> <td>Masaaki YOSHIKAWA</td> <td>07/05/2012</td> </tr> <tr> <td>Hiroshi YOSHINAGA</td> <td>07/05/2012</td> </tr> <tr> <td>Naoki IWAYA</td> <td>07/09/2012</td> </tr> <tr> <td>Yoshiki YAMAGUCHI</td> <td>07/04/2012</td> </tr> <tr> <td>Yutaka IKEBUCHI</td> <td>07/04/2012</td> </tr> <tr> <td>Tetsuo TOKUDA</td> <td>07/05/2012</td> </tr> <tr> <td>Takahiro IMADA</td> <td>07/05/2012</td> </tr> <tr> <td>Takamasa HASE</td> <td>07/06/2012</td> </tr> <tr> <td>Ippei FUJIMOTO</td> <td>07/05/2012</td> </tr> <tr> <td>Takuya SESHITA</td> <td>07/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Toshihiko SHIMOKAWA	07/04/2012	Kenji ISHII	07/05/2012	Masaaki YOSHIKAWA	07/05/2012	Hiroshi YOSHINAGA	07/05/2012	Naoki IWAYA	07/09/2012	Yoshiki YAMAGUCHI	07/04/2012	Yutaka IKEBUCHI	07/04/2012	Tetsuo TOKUDA	07/05/2012	Takahiro IMADA	07/05/2012	Takamasa HASE	07/06/2012	Ippei FUJIMOTO	07/05/2012	Takuya SESHITA	07/05/2012
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PROPERTY NUMBERS Total: 1																											
Property Type	Number																										
Application Number:	13557841																										
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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, L.L.P. 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.

Date: <u>July 4, 2012</u>	<u>Yoshihiro Shimokawa</u> (Signature of Inventor) TOSHIHIRO SHIMOKAWA
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Date: <u>July 5, 2012</u>	<u>Masaaki Yoshikawa</u> (Signature of Inventor) MASAACKI YOSHIKAWA
Date: <u>July 5, 2012</u>	<u>Hiroshi Yoshinaga</u> (Signature of Inventor) HIROSHI YOSHINAGA
Date: <u>July 9, 2012</u>	<u>Naoki Iwaya</u> (Signature of Inventor) NAOKI IWAYA
Date: <u>July 4, 2012</u>	<u>Yoshiaki Yamaguchi</u> (Signature of Inventor) YOSHIKI YAMAGUCHI
Date: <u>July 4, 2012</u>	<u>Yutaka Ikebuchi</u> (Signature of Inventor) YUTAKA IKEBUCHI
Date: <u>July 5, 2012</u>	<u>Tetsuo Tokuda</u> (Signature of Inventor) TETSUO TOKUDA
Date: <u>July 5, 2012</u>	<u>Takahiro Imada</u> (Signature of Inventor) TAKAHIRO IMADA
Date: _____	(Signature of Inventor) TAKAMASA HASE
Date: <u>July 5, 2012</u>	<u>Ippeii Fujimoto</u> (Signature of Inventor) IPPEI FUJIMOTO
Date: <u>July 5, 2012</u>	<u>Takuya Seshita</u> (Signature of Inventor) TAKUYA SESHITA

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(Signature of Inventor) TAKAHIRO IMADA

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