

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>Yuzuru SHIMAZAKI</td> <td>12/25/2012</td> </tr> <tr> <td>Ryuta WASHIYA</td> <td>12/25/2012</td> </tr> <tr> <td>Masahiko OGINO</td> <td>12/25/2012</td> </tr> <tr> <td>Akihiro MIYAUCHI</td> <td>12/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yuzuru SHIMAZAKI	12/25/2012	Ryuta WASHIYA	12/25/2012	Masahiko OGINO	12/25/2012	Akihiro MIYAUCHI	12/25/2012
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<table border="1"> <tr> <td>Name:</td> <td>Hitachi, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-6, Marunouchi 1-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi, Ltd.	Street Address:	6-6, Marunouchi 1-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN		
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2026288844 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2026242500 Email: KDombrowski@crowell.com Correspondent Name: Crowell & Moring LLP Address Line 1: P.O. Box 14300 Address Line 4: Washington, DISTRICT OF COLUMBIA 20044-4300</p>											
ATTORNEY DOCKET NUMBER:	056204.65194US										
NAME OF SUBMITTER:	Michael H. Jacobs										
<p>Total Attachments: 1 source=65194US_ASSIGN#page1.tif</p>											

OP \$40.00 13728737

ASSIGNMENT
(譲 渡 証)

111152479

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by Hitachi, Ltd., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Hitachi, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Yuzuru Shimazaki Yuzuru SHIMAZAKI

~~25/12/2012~~ T.S. 12/25/2012
12/25/2012

2) Ryuta Washiya Ryuta WASHIYA

12/25/2012

3) Masahiko Ogino Masahiko OGINO

~~25/12/2012~~ M.O. 12/25/2012
12/25/2012

4) Akihiro Miyachi Akihiro MIYAUCHI

~~25/12/2012~~ A.M. 12/25/2012
12/25/2012

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

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