

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                                                                                                                                                                                              | NEW ASSIGNMENT          |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                                                                                                                                                                                         | ASSIGNMENT              |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                          |                         |
| <b>Name</b>                                                                                                                                                                                                                                                                                                                                                          | <b>Execution Date</b>   |
| Kenji TAMAKI                                                                                                                                                                                                                                                                                                                                                         | 07/17/2011              |
| Toshiharu MIWA                                                                                                                                                                                                                                                                                                                                                       | 07/20/2011              |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                          |                         |
| <b>Name:</b>                                                                                                                                                                                                                                                                                                                                                         | Hitachi, Ltd.           |
| <b>Street Address:</b>                                                                                                                                                                                                                                                                                                                                               | 6-6, Marunouchi 1-chome |
| <b>Internal Address:</b>                                                                                                                                                                                                                                                                                                                                             | Chiyoda-ku              |
| <b>City:</b>                                                                                                                                                                                                                                                                                                                                                         | Tokyo                   |
| <b>State/Country:</b>                                                                                                                                                                                                                                                                                                                                                | JAPAN                   |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                                                                                                                                                                     |                         |
| <b>Property Type</b>                                                                                                                                                                                                                                                                                                                                                 | <b>Number</b>           |
| <b>Application Number:</b>                                                                                                                                                                                                                                                                                                                                           | 13144295                |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                                                           |                         |
| Fax Number: (703)312-6666<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i><br>Phone: 703-312-6600<br>Email: rperez@antonelli.com<br>Correspondent Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP<br>Address Line 1: 1300 NORTH SEVENTEENTH STREET<br>Address Line 2: SUITE 1800<br>Address Line 4: ARLINGTON, VIRGINIA 22209-3873 |                         |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                                                                                                                                                                                       | 843.51791X00            |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                                                                                                                                                                            | Paul J. Skwierawski     |
| Total Attachments: 1<br>source=Assignment#page1.tif                                                                                                                                                                                                                                                                                                                  |                         |

OP \$40.00 13144295

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**PATENT**  
**REEL: 026674 FRAME: 0622**

( 讓 渡 証 )

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan 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

**PATENT**  
**REEL: 026674 FRAME: 0623**