

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>Hiroko Ohi</td><td>01/23/2008</td></tr><tr><td>Yoshiki Niwa</td><td>01/23/2008</td></tr><tr><td>Kiyohiro Obara</td><td>01/23/2008</td></tr></tbody></table>	Name	Execution Date	Hiroko Ohi	01/23/2008	Yoshiki Niwa	01/23/2008	Kiyohiro Obara	01/23/2008	
Name	Execution Date								
Hiroko Ohi	01/23/2008								
Yoshiki Niwa	01/23/2008								
Kiyohiro Obara	01/23/2008								
RECEIVING PARTY DATA									
Name:	Hitachi, Ltd.								
Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku,								
City:	Tokyo								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12029694</td></tr></tbody></table>	Property Type	Number	Application Number:	12029694					
Property Type	Number								
Application Number:	12029694								
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NAME OF SUBMITTER:	Paul J. Skwierawski								
Total Attachments: 1 source=48509X00ASN#page1.tif									

OP \$40.00 12029694

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PATENT
REEL: 020634 FRAME: 0915

ASSIGNMENT

(譲 渡 証)

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 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

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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) <u>Nioko Ohi</u>	<u>1/23/2008</u>
2) <u>Yohiki Niwa</u>	<u>1/23/2008</u>
3) <u>Kiyohiro Abara</u>	<u>1/23/2008</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____