

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shinji NAKAGAWA</td> <td>12/10/2004</td> </tr> <tr> <td>Youichi IHOSHI</td> <td>12/10/2004</td> </tr> <tr> <td>Yoshikuni KURASHIMA</td> <td>12/10/2004</td> </tr> <tr> <td>Toshio HORI</td> <td>12/10/2004</td> </tr> </tbody> </table>		Name	Execution Date	Shinji NAKAGAWA	12/10/2004	Youichi IHOSHI	12/10/2004	Yoshikuni KURASHIMA	12/10/2004	Toshio HORI	12/10/2004
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RECEIVING PARTY DATA											
Name:	Hitachi, Ltd.										
Street Address:	6-6 Marunouchi 1-chome										
City:	Chiyoda-ku, Tokyo										
State/Country:	JAPAN										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11738955</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11738955						
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CORRESPONDENCE DATA											
Fax Number:	(202)628-8844										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	2026242500										
Email:	ksweeney@crowell.com										
Correspondent Name:	Gary R. Edwards, Esquire										
Address Line 1:	Crowell & Moring LLP, IP Group										
Address Line 2:	P.O. Box 14300										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20044-4300										
ATTORNEY DOCKET NUMBER:	056205.55782C1										
NAME OF SUBMITTER:	Gary R. Edwards										
Total Attachments: 1 source=55782C1_asgn#page1.tif											

OP \$40.00 11738955

PATENT

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>Shinji Nakagawa</u> Shinji NAKAGAWA	<u>12/10/2004</u>
2) <u>Yoshiaki Iihoshi</u> Yoshiaki IIHOSHI	<u>12/10/2004</u>
3) <u>Yoshikuni Kurashima</u> Yoshikuni KURASHIMA	<u>12/10/2004</u>
4) <u>Toshio Horii</u> Toshio HORI	<u>12/10/2004</u>
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____