

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>Kiyotaka TAKAHASHI</td> <td>01/06/2012</td> </tr> <tr> <td>Takumi OISHI</td> <td>01/10/2012</td> </tr> <tr> <td>Yoshihiro ASHI</td> <td>01/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kiyotaka TAKAHASHI	01/06/2012	Takumi OISHI	01/10/2012	Yoshihiro ASHI	01/10/2012
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Kiyotaka TAKAHASHI	01/06/2012								
Takumi OISHI	01/10/2012								
Yoshihiro ASHI	01/10/2012								
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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13348694</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13348694				
Property Type	Number								
Application Number:	13348694								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Michael H. Jacobs								
Total Attachments: 1 source=64196US_EXECUTED_ASGNMT#page 1.tif									

OP \$40.00 13348694

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

NETWORK SYSTEM AND COMMUNICATION DEVICE

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>Kiyotaku Takahashi</u>	<u>1/6/2012</u>
2) <u>Takumi Oishi</u>	<u>1/10/2012</u>
3) <u>Yoshihiro Aoki</u>	<u>1/10/2012</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____