

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shohei SAITO</td> <td>10/29/2009</td> </tr> <tr> <td>Masashi TAKAHASHI</td> <td>11/30/2009</td> </tr> <tr> <td>Muneaki YAMAGUCHI</td> <td>11/06/2009</td> </tr> <tr> <td>Hiroaki ITO</td> <td>10/23/2009</td> </tr> <tr> <td>Koichi HAMADA</td> <td>10/23/2009</td> </tr> </tbody> </table>		Name	Execution Date	Shohei SAITO	10/29/2009	Masashi TAKAHASHI	11/30/2009	Muneaki YAMAGUCHI	11/06/2009	Hiroaki ITO	10/23/2009	Koichi HAMADA	10/23/2009
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CORRESPONDENCE DATA													
<p>Fax Number: (703)684-1157</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036841120</p> <p>Email: sbrown@mmiplaw.com</p> <p>Correspondent Name: John R. Mattingly, Mattingly & Malur</p> <p>Address Line 1: 1800 Diagonal Road</p> <p>Address Line 2: Suite 370</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>													
ATTORNEY DOCKET NUMBER:	ASA-7326												
NAME OF SUBMITTER:	John R. Mattingly												
Total Attachments: 1													

CH \$40.00 12620640

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PATENT
REEL: 023673 FRAME: 0277

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 Consumer Electronics Co., Ltd., a corporation organized under the laws of Japan, located at 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Consumer Electronics Co., 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 Consumer Electronics Co., 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 Consumer Electronics Co., Ltd..

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

1)	<u>Shohei Saito</u> Shohei SAITO	<u>10/29/2009</u>
2)	<u>Masashi Takahashi</u> Masashi TAKAHASHI	<u>11/30/2009</u>
3)	<u>Muneaki Yamaguchi</u> Muneaki YAMAGUCHI	<u>11/6/2009</u>
4)	<u>Hiroaki Ito</u> Hiroaki ITO	<u>10/23/2009</u>
5)	<u>Koichi Hamada</u> Koichi HAMADA	<u>10/23/2009</u>
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

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