

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																										
<b>CONVEYING PARTY DATA</b>																											
<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>Hisashi TERAЕ</td><td>01/06/2010</td></tr> <tr><td>Masakazu ISHIKAWA</td><td>01/06/2010</td></tr> <tr><td>Yasuyuki FURUTA</td><td>01/06/2010</td></tr> <tr><td>Katsumi YOSHIDA</td><td>01/06/2010</td></tr> <tr><td>Atsushi NISHIOKA</td><td>01/06/2010</td></tr> <tr><td>Yasuhiro KIYOFUJI</td><td>01/20/2010</td></tr> <tr><td>Takenori KASAHARA</td><td>01/08/2010</td></tr> <tr><td>Syuichi NAGAYAMA</td><td>01/08/2010</td></tr> <tr><td>Fujiya KAWAWA</td><td>01/14/2010</td></tr> <tr><td>Manabu KUBOTA</td><td>01/20/2010</td></tr> <tr><td>Tatsuyuki OOTANI</td><td>01/20/2010</td></tr> <tr><td>Hidechiyo TANAKA</td><td>01/20/2010</td></tr> </tbody> </table>		Name	Execution Date	Hisashi TERAЕ	01/06/2010	Masakazu ISHIKAWA	01/06/2010	Yasuyuki FURUTA	01/06/2010	Katsumi YOSHIDA	01/06/2010	Atsushi NISHIOKA	01/06/2010	Yasuhiro KIYOFUJI	01/20/2010	Takenori KASAHARA	01/08/2010	Syuichi NAGAYAMA	01/08/2010	Fujiya KAWAWA	01/14/2010	Manabu KUBOTA	01/20/2010	Tatsuyuki OOTANI	01/20/2010	Hidechiyo TANAKA	01/20/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>HITACHI, LTD.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>6-6, Marunouchi 1-chome, Chiyoda-ku,</td> </tr> <tr> <td><b>City:</b></td> <td>Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> </table>		<b>Name:</b>	HITACHI, LTD.	<b>Street Address:</b>	6-6, Marunouchi 1-chome, Chiyoda-ku,	<b>City:</b>	Tokyo	<b>State/Country:</b>	JAPAN																		
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<b>CORRESPONDENCE DATA</b>																											
<p>Fax Number: (703)312-6666</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-312-6600</p> <p>Email: svannarath@antonelli.com</p> <p>Correspondent Name: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP</p>																											

OP \$40.00 12707938

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**PATENT**  
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ATTORNEY DOCKET NUMBER:	500.50586X00
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NAME OF SUBMITTER:	Gregory E. Montone
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# 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

## FAULT DIAGNOSIS APPARATUS AND FAULT DIAGNOSIS METHOD OF MULTI-CHANNEL ANALOG INPUT/OUTPUT CIRCUIT

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 signatures:

INVENTOR(S) (発明者フルネームサイン)		Date Signed (署名日)
1) <u>Hisashi Terae</u> Hisashi TERAE		<u>1/6/2010</u>
2) <u>Masakazu Ishikawa</u> Masakazu ISHIKAWA		<u>1/6/2010</u>
3) <u>Yasuyuki Furuta</u> Yasuyuki FURUTA		<u>1/6/2010</u>
4) <u>Katsumi Yoshida</u> Katsumi YOSHIDA		<u>1/6/2010</u>
5) <u>Atsushi Nishioka</u> Atsushi NISHIOKA		<u>1/6/2010</u>
6) <u>Yasuhiro Kiyofuji</u> Yasuhiro KIYOFUJI		<u>1/20/2010</u>
7) <u>Takenori Kasahara</u> Takenori KASAHARA		<u>1/8/2010</u>
8) <u>Syuichi Nagayama</u> Syuichi NAGAYAMA		<u>1/8/2010</u>
9) <u>Fujiya Kawawa</u> Fujiya KAWAWA		<u>1/14/2010</u>
10) <u>Manabu Kubota</u> Manabu KUBOTA		<u>1/20/2010</u>

11)	Tatsuyuki Ootani Tatsuyuki OOTANI	1 / 20 / 2010
12)	Hidechiyo Tanaka Hidechiyo TANAKA	1 / 20 / 2010
13)		
14)		
15)		