

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Takenobu HORINO	10/19/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALPS ELECTRIC CO., LTD.
<b>Street Address:</b>	1-7 Yukigaya-otsukamachi, Ota-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13294457
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)255-8002
<b>Phone:</b>	408-255-8001
<b>Email:</b>	mpascual@beyerlaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Beyer Law Group LLP
<b>Address Line 1:</b>	P.O Box 1687
<b>Address Line 4:</b>	Cupertino, CALIFORNIA 95015
<b>ATTORNEY DOCKET NUMBER:</b>	ALPSP425
<b>NAME OF SUBMITTER:</b>	Masako Ando
<b>Total Attachments: 2</b> source=ALPSP425_Assignment#page1.tif source=ALPSP425_Assignment#page2.tif	

**CH \$40.00 13294457**



The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATE: October 19, 2011

Takenobu Horino

Inventor: Takenobu HORINO

WITNESSED:

DATE: October 19, 2011

Takashi Sato

DATE: October 19, 2011

Nobuhisa Hayashi