

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Kisei HIROBE</td> <td>01/12/2012</td> </tr> <tr> <td>Junichi SAITO</td> <td>01/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kisei HIROBE	01/12/2012	Junichi SAITO	01/12/2012
Name	Execution Date						
Kisei HIROBE	01/12/2012						
Junichi SAITO	01/12/2012						
RECEIVING PARTY DATA							
Name:	ALPS ELECTRIC CO., LTD.						
Street Address:	1-7 Yukigaya-otsukamachi, Ota-ku						
City:	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>13353213</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13353213		
Property Type	Number						
Application Number:	13353213						
CORRESPONDENCE DATA							
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Phone:	408-255-8001						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
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Address Line 1:	P.O Box 1687						
Address Line 4:	Cupertino, CALIFORNIA 95015						
ATTORNEY DOCKET NUMBER:	ALPSP432						
NAME OF SUBMITTER:	Masako Ando						
Total Attachments: 2 source=ALPSP432_Assignment#page1.tif source=ALPSP432_Assignment#page2.tif							

CH \$40.00 13353213

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 Assignors have executed this agreement.

DATE: January 12, 2012 Kisei Hirobe
Inventor: Kisei HIROBE

WITNESSED:

DATE: January 12, 2012 Nobuaki Haga

DATE: January 12, 2012 Yasuo Kotera

DATE: January 12, 2012 Junichi Saito
Inventor: Junichi SAITO

WITNESSED:

DATE: January 12, 2012 Nobuaki Haga

DATE: January 12, 2012 Yasuo Kotera

DATE: _____
Inventor: _____

WITNESSED:

DATE: _____

DATE: _____