

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Taro Iwamoto</td><td>08/18/2008</td></tr><tr><td>Akihiko Takizawa</td><td>08/18/2008</td></tr><tr><td>Takeshi Kimoto</td><td>08/18/2008</td></tr><tr><td>Mitsuhiro Yashiro</td><td>08/18/2008</td></tr><tr><td>Makoto Nishiyama</td><td>08/18/2008</td></tr></tbody></table>	Name	Execution Date	Taro Iwamoto	08/18/2008	Akihiko Takizawa	08/18/2008	Takeshi Kimoto	08/18/2008	Mitsuhiro Yashiro	08/18/2008	Makoto Nishiyama	08/18/2008	
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RECEIVING PARTY DATA													
Name:	Alpine Electronics, Inc.												
Street Address:	1-1-8, Nishi Gotanda, Shinagawa-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>12166659</td></tr></tbody></table>	Property Type	Number	Application Number:	12166659									
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CORRESPONDENCE DATA													
Fax Number:	(312)321-4299												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	9333-596												
NAME OF SUBMITTER:	Thomas C. Burton												
Total Attachments: 3 source=9333-596-Assignment#page1.tif													

CH 12166659 \$40.00

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PATENT
REEL: 021451 FRAME: 0606

ASSIGNMENT

WHEREAS, Taro Iwamoto, Akihiko Takizawa, Takeshi Kimoto, Mitsuhiro Yashiro, and Makoto Nishiyama, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "DISPLAY PROCESSING DEVICE AND DISPLAY CONTROL METHOD", filed on July 2, 2008, and assigned Application Serial No. 12/166,659;

WHEREAS, ALPINE ELECTRONICS, INC., a corporation organized and existing under the laws of Japan, having a place of business at 1-1-8, Nishi Gotanda, Shinagawa-ku, Tokyo, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

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: 18/Aug/08

Taro. Iwamoto
TARO IWAMOTO

WITNESSED:

DATE: August 18, 2008

Masatoshi Ejiri

DATE: August 18, 2008

Takeshi Yoshi

DATE: 18/Aug/08

Akihiko Takizawa
AKIHIKO TAKIZAWA

WITNESSED:

DATE: August 18, 2008

Masatoshi Ejiri

DATE: August 18, 2008

Takeshi Yoshi

DATE: 18 Aug 08

WITNESSED:

DATE: August 18, 2008

DATE: August 18, 2008

Takeshi Kimoto
TAKESHI KIMOTO

Masatoshi Ejiri

Takeshi Yoshii

DATE: 18 Aug 08

WITNESSED:

DATE: August 18, 2008

DATE: August 18, 2008

Mitsuhiro Yashiro
MITSUHIRO YASHIRO

Masatoshi Ejiri

Takeshi Yoshii

DATE: 18 Aug 08

WITNESSED:

DATE: August 18, 2008

DATE: August 18, 2008

MAKOTO NISHIYAMA
MAKOTO NISHIYAMA

Masatoshi Ejiri

Takeshi Yoshii