Client Code:	ALPINE.172AUS
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RECORDATION

DMMISSIONER FOR PATENTS: Pleal

1. Name of conveying party(ies): (If multiple assignors, list numerically)

(1) Hikaru Wako

Additional name(s) of conveying party(ies) attached

() Yes

Nature of conveyance:

(X) Assignment

() Merger

() Security Agreement

() Change of Name

Other: ()

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

March 16, 2015

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Yasuo Muramatsu

MURAMATSU & ASSOCIATES

Internal Address: Suite 310 Street Address: 114 Pacifica

ZIP: 92618 City: Irvine State: CA Attorney's Docket No.: ALPINE.172AUS

Total number of applications and patents involved: 1

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py thereof.

2. Name and address of receiving party(ies):

Name: Alpine Electronics, Inc

Address: 1-1-8 Nishi Gotanda, Shinagawa-ku, Tokyo, Japan

Additional name(s) of receiving party(ies) attached?

() Yes

Application number(s) or Patent number(s):

Application(s) filed herewith:

(X) Application No.: 14/661,967 Filing Date: March 18, 2015

() Patent No.: Issue Date:

Additional numbers attached? ()

Yes (X) No

7. Total fee (37 CFR 3.41): \$40.00

> (X) Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

Please charge this account for any additional fees which may be

required, or credit any overpayment to this account.

9. Statement and signature.

> To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Yasuo Muramatsu

Name of Person Signing

38,684

Registration No.

Total number of pages including cover sheet, attachments and document: 2

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Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents Box Assignments Alexandria, VA 22313-1450

TRSAP172.ASN 031815

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ASSIGNMENT

WHEREAS, I, Hikaru Wako, an inventor, a resident of 19145 Gramercy Place, Torrance, California 90501-1162, California 90501-1162, have invented certain new and useful improvements in "METHOD AND SYSTEM FOR OPERATING CONSOLE WITH TOUCH SCREEN", the application of which for a letter of patent is filed concurrently herewith;

AND WHEREAS, Alpine Electronics, Inc (hereinafter "ASSIGNEE"), a Japanese corporation, with its principal place of business at 1-1-8 Nishi Gotanda, Shinagawa-ku, Tokyo, Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in the receipt of valuable consideration which is hereby acknowledged, I do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filled for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States, and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

en listo

This 16 day of Harch 2015

Hikaru Wako

ASNAP172,001

PATENT REEL: 035262 FRAME: 0630

RECORDED: 03/23/2015