08-25-1999 PATENTS ONLY PATENTS ONLY) TRADEMARKS TO THE COMMI 101126565 copy thereof. Please record. 2. Name and Address of Party(ies) receiving an interest: arty(ies) conveying an interest: Name: Alpine Electronics, Inc. Katsunori Sato 20-1, Yoshima-kogyodanchi Internal Address: Koichi Izumi lwaki-shi Fukushima 970-1192 Street Address: Kenii Ouchida City: State/Zip: **JAPAN** Additional na of conveying party(ies) attached? ☐ Yes ☒ No Additional name(s) and addresses attached? ☐ Yes 🛛 No Description of the interest conveyed: Change of Name Other: Assignment Security Agreement Execution Date: Application number(s) or patent number(s). Additional sheet attached? Tyes No If this document is being filed together with a new application, the execution date of the application is: Date B. Patent No.(s) A. Patent Application No.(s) 09/323,713 Additional numbers attached?

Yes

No Name and address of party to whom correspondence 6. Number of applications and patents involved: 1 concerning document should be mailed: Total fee (37 CFR 3.41) **BRINKS HOFER GILSON & LIONE** \$ 40 P.O. BOX 10395 **Enclosed** Authorized to be charged to Deposit Account No. CHICAGO, IL 60610 (312)321-4200 23-1925 Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925. DO NOT USE THIS SPACE L/23/1**999 NUNGAN**EL 00000105 09323713 FC:541 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. James P. Naughton - Reg. No. 30,665 August 18, 1999 Name of Person Signing Date

Total number of pages including cover sheet, attachments, and document: 3

Rev. Feb-97

F:\HOME\SHOLMES\My Documents\JPN Documents\ALPINE - 9333\9333-109 Assign Record.doc

ASSIGNMENT

WHEREAS, KATSUNORI SATO, KOICHI IZUMI and KENJI OUCHIDA, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled VEHICLE-LOADED AUDIO DEVICE, for a full description of which reference is here made to an application for Letters Patent of the United States filed on June 1, 1999, and assigned Application Serial No. 09/323,713;

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; 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

PATENT REEL: 010179 FRAME: 0968 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: <u>199-8-3</u>	Katsunovi Sito
WITNESSED:	KATSUNORI SATO
DATE: <u>'99-8-4</u>	Takeshi Yoshida
/00 0 //	α
DATE: <u>'99 - 8 - 4</u>	Ozusa Endo
	<u> </u>
DATE: <u>99 - 8 - 2</u>	ROICHIZUMI
	KOICHI IZUMI
WITNESSED:	
DATE: <u>99-8-4</u>	Takeshi Yoshida
	O.
DATE: <u>'99 - 8 - 4</u>	Azusa Endo
	θ
DATE: \\\\99-8-2	Kenji Ouchida
DATE: 11 3	KENJI OUCHIDA
WITNESSED:	
DATE: <u>'99-8-4</u>	Takeshi Yoshida
	
DATE: <u>'99 - 8 - 4</u>	Uzusa Endo
	//