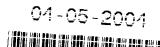
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Form **PTO-1595** (Rev. 03/ 01)



## 102711805 PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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Kenichi Shirasaka		Name: Yamaha Corporation O
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Additional name(s) of conveying party(ies) attached?	Yes x No	Street Address: c/o Yamaha Corporation 10-1, Nakazawa-cho
Nature of Conveyance:     Assignment	Merger	Hamamatsu-shi Shizuoka-Ken JAPAN
Security Agreement	Change of Name	City:
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4. Application number(s) or pate	ent number(s):	
A. Patent Application No.(s):     This application	with a new application, the ex dditional numbers attache	B. Patent No.(s):    March 17, 2004
Name and address of party to w concerning document should be	hom correspondence	6. Total number of applications and patents involved:
Name: Steven I. Weisburd DICKSTEIN SHAPIRO M	ORIN & OSHINSKY LLP	7. Total fee (37 CFR 3.41) \$ 40.00
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City: Sta New York NY	ate: Zip: 10036-2714	Deposit account number:      50-2215  (Attach duplicate copy of this page if paying by deposit account)
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Statement and signature.		^
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Michael J. Scheer  Name of Person Signing  Signing		March 30, 2004 Signature Date
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Total number of pages including cover sheet, attachments, and documents: 4		

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## ASSIGNMENT BY INVENTOR

Kenichi Shirasaka

Haras

THIS ASSIGNMENT, by Kenichi Shirasaka (hereinafter referred to as
"Assignor"), residing at Hamamatsu-shi, Japan ;
WHEREAS, Assignor has invented certain new and useful improvements in
SEMICONDUCTOR PACKAGE AND LEAD FRAME THEREFOR
set forth in a patent application for Letters Patent of the United States, executed concurrently
herewith; and
WHEREAS, YAMAHA CORPORATION (hereinafter referred to as "Assignee")
having offices at 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan,
is desirous of acquiring the entire right, title and interest in and to said inventions and said
Application for Letters Patent of the United States, and in and to any Letters Patent of the
United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged. Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

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delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: Edward A. Meilman, Reg. No. 24,735, Gary M. Hoffman, Reg. No. 26,411, Steven I. Weisburd, Reg. No. 27,409, Thomas J. D'Amico, Reg. No. 28,371, Donald A. Gregory, Reg. No. 28,954, Stephen A. Soffen, Reg. No. 31,063, James W. Brady, Jr., Reg. No. 32,115, Jon D.

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Date: March 17, 2004

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Grossman, Reg. No. 32,699, Mark J. Thronson, Reg. No. 33,082, Michael J. Scheer, Reg. No. 34,425, and Eric Oliver, Reg. No. 35,307, of Dickstein Shapiro Morin & Oshinsky LLP.

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Assignor:

Kenichi Shirasaka

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**RECORDED: 03/30/2004** 

PATENT REEL: 015162 FRAME: 0039