PATENTS ONLY	09-25-2001 Express Mail No. EL6630318
IN THE U	PATENTS ONI
Please record Name of Party(ies) conveying an interest: Christopher D. Weigand Additional name(s) of Parties attached? Description of interest conveyed: [X] Assignment Security Agreement	101855046 Name and Address of Party(ies) receiving an interest: Tyco Electronics Corporation 2901 Fulling Mill Road Middletown, PA 17057 Additional name(s) and address(es) of Parties attached? No Change of name 999953495
Other	Execution Date: 9-10-2001
Application number(s) or patent number(s) Additional numbers attached? No If this document is being filed together w the execution date of the application is: Patent Application No.(s)	
Name and address of party to whom correspondence concerning documents should be mailed:	6. Number of applications and patents involved: 1
Theodore Naccarella Synnestvedt & Lechner LLP 2600 Aramark Tower 1101 Market Street Philadelphia, PA 19107	7. Total Fee (37 C.F.R. § 3.41) \$40.00 Enclosed: [] (Check No) Authorized to be charged: []
	8. Deposit Account Number: Attach duplicate copy of this form if paying by deposit account.
001 DBYRNE 00000171 09953995	he laws of the United States of America that the foregoing is true Mechan Manual Theodore Naccarella Registration No. 33,023
Total number of pages including cover sheet, attachments, and document:	3

PATENT REEL: 012181 FRAME: 0577

ASSIGNMENT

I/We, Christopher D. Weigand who resides at 23A Holton Street, Woburn, MA 01801-5232, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

DIGITAL ATTENUATOR WITH COMBINED BITS

which application was executed by the inventor on the date of execution of this assignment, and is identified by Attorney Docket Number P-24,888 USA,

and Tyco Electronics Corporation,

whose address is 2901 Fulling Mill Road, Middletown, PA 17057,

and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

- 1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent

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to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

- Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;
- Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), hereinbelow.

In testimony whereof I/we have affixed my/our signature(s).

RECORDED: 09/17/2001

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