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JJ.S.	DEPARTMENT OF COMMERCE	3
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Docket No. 306812000900

	To the Com	missioner of Patents and Trademarks: Ple	ase record the attached	original documents or copy thereof.		
1. Name o Wilson	of conveying part Wong	y(ies):	2. Name and addi	ress of receiving party(ies):		
☐ Gen	vidual(s) eral Partnership poration-State	☐ Association ☐ Limited Partnership ☐ Other				
Additional r	name(s) of conve	ying party(ies) attached? □Yes ■No				
3. Nature	of conveyance:		Additional name(s) & address(es) attached?  Yes  No			
■ Assignment						
Execution	Date: July 22, 1999	)				
4. Applica	ation number(s) o	r patent number(s):				
		filed together with a new application, the	execution date of the ap	pplication is:		
	atent Application 9/318,486	No.(s)	B. Patent No	o.(s)		
1		ched? ☐ Yes 圏 No				
5 Name and address of party to whom correspondence concerning document should be mailed:		6. Total num	aber of applications and patents involved: 1			
Ararat Kapouytian  Morrison & Foerster LLP  425 Market Street			7. Total fee (	7. Total fee (37 C.F.R. § 3.41): \$40.00		
			E Enclo	osed		
San Francisco, California 94105-2482		Authorized to be charged to deposit account, referencing Attorney Docket 306812000900				
The Commission	nor is haraby outhour	ed to show a few and 27 CFD C121 d	1	unt number: <u>03-1952</u>		
The Commissio	mer is nereby authoriz		E THIS SPACE	o credit any overpayment to <u>Deposit Account No. 03-1952</u>		
9. Stateme	ent and signature.	DO NOT US	E THIS SPACE			
	•	edge and belief the foregoing information	is true and correct and	any attached copy is a true copy of the original		
docume	nt.	^				
	Ararat Kapouytia	n <u>Ura</u>	at Kaponij	£ 8/3/99		
Registr	ation No: 40,044	Signature	/ /	Date		
		Total number of pages comprising co	over sheet attachments	and document: 3		
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sf-728078		w ashingto	n, D.C. 20231			

Attorney Docket No. 306812000900 Serial No.: 09/318.486

## ASSIGNMENT SOLE

THIS ASSIGNMENT, by Wilson Wong (hereinafter referred to as the assignor), residing at 301 Felton Street, San Francisco, California 94134, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in PROGRAMMABLE PCI OVERVOLTAGE INPUT CLAMP, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. 09/318,486 and filed on May 25, 1999; and

WHEREAS, ALTERA CORPORATION, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 101 Innovation Drive, San Jose, California 95134-2020 (hereinafter referred to as the assignee ALTERA CORPORATION) 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 or Patents. United States or foreign, 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, said assigner has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee ALTERA CORPORATION, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to he held and enjoyed by said assignee ALTERA CORPORATION, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee ALTERA CORPORATION its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee ALTERA CORPORATION, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, 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 Letters Patent for said inventions, without charge to said assignee ALTERA CORPORATION, its successors, legal representatives and assigns, but at the cost and expense of said assignee ALTERA CORPORATION, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee ALTERA CORPORATION as the assignee ALTERA CORPORATION of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee ALTERA CORPORATION, its successors, legal representatives and assigns.

Date

Wilson Wong

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PATENT REEL: 010147 FRAME: 0706