	MPTO-1595 R	01-07-20	002	: 5	SHEET	U.S. DEPARTMENT OF CC	
(Rev. OMB	o-93) No. 0651-0911 (exp. 4/94)					Patent and Traden	iark Office
	T: the Honorable Commissioner of	1019353			ched original d	ocuments or copy thereo	F.
1.	Name of conveying party(ies):		2.	Name and a	address of rec	eiving party(ies)	
	Paul Metzgen	1.2.09		Name: <u>Al</u> i	era Corporati	on	
۵d	ditional name(s) of conveying narty(ies) a	tached? [] Yas [] No		Internal Add	iress:		
Additional name(s) of conveying party(ies) attached?			Street Address: 101 Innovation Drive				
3.	Nature of conveyance:]				
	Assignment I Merger Security Agreement I Change of Name Other			City: <u>San Jose</u> State: <u>CA</u> ZIP: <u>95134</u> Country: <u>U.S.A.</u>			
Exec	ution Date(s): <u>September 6, 2001</u>			Additional nan	ne(s) & address(e	es) attached? 🛛 Yes 🖾 No	
4. If	Application number(s) or patent numb this document is being filed together wi		executio	n date(s) of tl	ne application is	s/are:	
and	the attorney docket number is:						
	A. Patent Application No.(s)			B. Patent	No.(s)		
	09/924,272						
		Additional numbers atta	ached?	OYes N	0	· · · · · · · · · · · · · · · · · · ·	
5.	Name and address of party to whom correspondence concerning document should be mailed: Name:			Total numbe	r of applications	s and patents involved:	1
				 7. Total fee (37 CFR 3.41)\$ 40.00 2 Enclosed Authorized to be charged to deposit account 2 Charge excess/credit overpayment to deposit account 			
	Street Address: <u>1251 Avenue of t</u>		8.	06-1075	ount number: ate copy of this p	age if paying by deposit acc	ount)
	City: <u>New York</u> State: <u>NY</u>	ZIP: DO NOT USE					
9.	Statement and signature. To the best of my knowledge and i copy of the original document. <u>Alexander Shvarts</u> Name of Person Signing Reg. No. 47,943 Total nu docume	belief, the foregoing info	ormatio La la	n is true and VAI		ny attached copy is a t <u>November 2, 200</u> Date	
~		ments to be recorded with	require	d cover sheet i	nformation to:		
,		mmissioner of Patents & T Washington	radema	rks, Box Assig			
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PATENT REEL: 012412 FRAME: 0746

<u>ASSIGNMENT</u>

WHEREAS, I, Paul Metzgen, residing at 22 Whitehall Park Road, Chiswick, London W 4 3NE, England have made an invention in:

SOFTWARE-TO-HARDWARE COMPILER

and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on August 7, 2001 as United States Application No. 09/924,272; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of Delaware and having an office and place of business at 101 Innovation Drive, San Jose, California 95134 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt of sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto the said ALTERA CORPORATION, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to

PATENT REEL: 012412 FRAME: 0747

be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and I hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said ALTERA CORPORATION, as the assignee of the entire interest therein; and I further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, I have hereunto signed my name on the date indicated hereinafter.

Date Paul Metzgen

RECORDED: 01/02/2002