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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office A1186	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Lakhbeer S. Sidhu and Irfan Rahim		2. Name and address of receiving party(ies) Name: <u>Altera Corporation</u> Internal Address: _____ _____ _____ Street Address: <u>101 Innovation Drive</u> _____ _____ City: <u>San Jose</u> State: <u>CA</u> Zip: <u>94301</u>			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			
Execution Date: <u>10/13/03</u>		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
4. Application number(s) or patent number(s): <u>10/687199</u> If this document is being filed together with a new application, the execution date of the application is: <u>10/13/03</u>		A. Patent Application No.(s) Filed concurrently herewith			
		B. Patent No.(s)			
		Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>G. Victor Treyz, Esq.</u> Internal Address: _____ _____ _____ Street Address: <u>Flood Building</u> <u>870 Market Street, Suite 984</u> City: <u>San Francisco</u> State: <u>CA</u> Zip: <u>94102</u>		6. Total number of applications and patents involved: <u>1</u>			
		7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account			
		8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)			
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9. Statement and signature. <i>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.</i> <u>G. Victor Treyz, Reg. No. 36, 294</u> Name of Person Signing <u>G. Victor Treyz</u> Signature <u>10/16/03</u> Date					
Total number of pages including cover sheet, attachments, and documents: <u>3</u>					

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

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A S S I G N M E N T

WHEREAS, We, Lakhbeer S. Sidhu and Irfan Rahim, residing respectively at 373 River Oaks Circle, San Jose, California 95134 and 1057 Wilsham Drive, San Jose, California, 95132, have made an invention entitled:

ELECTRICALLY-PROGRAMMABLE INTEGRATED CIRCUIT FUSES
AND SENSING CIRCUITS

and are about to make an application for United States Letters Patent therefor, the same having been executed by us on even date herewith; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having an address of 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) paid, and other good and valuable consideration, the receipt of sufficiency of which is hereby acknowledged, we 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, continuations-in-part 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 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 we 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 we 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, we have hereunto signed our names on the dates indicated hereinafter.

Oct. 13, 03

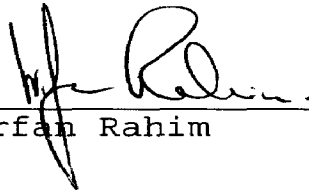
Date



Lakhbeer S. Sidhu

10/13/03

Date



Irfan Rahim