FORM PTO-1595 (Rev. 6-93)	02-06-2	001	ET U.	S. DEPARTMENT OF	COMMERCE
OMB No. 0651-2011 (exp. 4/94)			EK708049397	US Patent and Tra 00174/189	demark Office
Tab settings ⇒ ⇒ ▼ 1-16-61 ▼			- Attached asiaisal	<b>—</b>	<b>▼</b>
To the Honorable Commissioner of Pa  1. Name of conveying party(ies):	1016056	, , , , , , , , , , , , , , , , , , ,	attached original ddress of receiving	•	by thereor.
Andy L. Lee		2. Manio ana a	adross of receiving	<i>y party</i> (100).	
Brian Johnson		Name: <u>Alte</u>	ra Corporation		·
		Internal Addr	ess:		
Richard Cliff  Additional name(s) of conveying party(ies) attached?	Yes X No				
	res No				
3. Nature of conveyance:					
X Assignment		Street Address: 101 Innovation Drive			
Security Agreement	Change of Name				
Other		City: San Jo	se	State: <u>CA</u> ZII	P: 95134_
Execution Date: 1) 12/22/00; 2) 12/27/	00; 3) 12/22/00	Additional name(s)	& address(es) attached?	Yes 🗓	No
Application number(s) or patent number	er(s): 69[76]	600			
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<u> </u>	Additional numbers atta	ched? Yes	X No	860	1
5. Name and address of party to whom	correspondence			· · · · · · · · · · · · · · · · · · ·	
concerning document should be mailed	i:	6. Total number	of applications an	d patents involved	d: 1
Name: Robert R. Jackson		7 Total fee (37	CFR 3.41)	<b>≈</b> 40.00	
Internal Address: <u>c/o Fish &amp; Neave</u>				10.00	<del></del>
50th Floor		X Enclosed			
20/11 (100)		X Authorize	ed to be charged to	o deposit account	
Street Address: 1951 A C.I					
Street Address: 1251 Avenue of the	Americas	8. Deposit acco	unt number:		
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City: New York State:	<u>N.Y.</u> ZIP: <u>10020</u>	(Attach duplic	cate copy of this pag	e if paying by depo	sit account)
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To the best of my knowledge and beli- the original document.	ef, the foregoing inform ា	ation is true and c	orrect and any atta	iched copy is a tru	e copy of
Robert R. Jackson (26,183)	11/ olies	212. An	elen-	1/110/01	
Name of Person Signing		Signature		Date	
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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

REEL: 011482 FRAME: 0683

174/189

## ASSIGNMENT

	WHEREAS, we:		
(1)	Andy L. Lee ;		
(2)	Brian Johnson ; and		
(3)	Richard Cliff ;		
residing,	respectively, at:		
(1)	1227 Briarleaf Circle, San Jose, CA 95131 ;		
(2)	1248 Valerian Court #6, Sunnyvale, CA 94086 ;		
(3)	6 Middlebury Lane, Los Altos, CA 94022 ;		

have made an invention in:

## PROGRAMMABLE LOGIC DEVICE LOGIC MODULES WITH SHIFT REGISTER CAPABILITIES

and are about to make application for United States Letters

Patent therefor, the same having been executed by us on even
dates herewith; and

WHEREAS, <u>Altera Corporation</u>, a corporation organized and existing under the laws of <u>Delaware</u> and having an office and place of business at <u>101 Innovation Drive</u>, <u>San Jose</u>, <u>CA 95134</u> is desirous of acquiring the entire interest in said invention, in

PATENT REEL: 011482 FRAME: 0684 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 us paid, and other good and valuable consideration, the receipt and sufficiency of which are 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 application, including any continuations and divisions thereof, and any substitute applications therefor, and any patents 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

> PATENT REEL: 011482 FRAME: 0685

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 name at <u>San Jose</u>, <u>California</u> on the date indicated hereinafter:

12/22/00 Date (1) Andy V. Lee

12/27/00 Date (2) Brian Johnson

12 | 22 | 00 Date (3) Richard Cliff

**RECORDED: 01/16/2001** 

PATENT REEL: 011482 FRAME: 0686