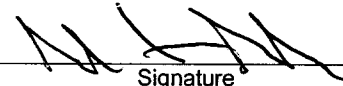


04-01-2004



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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)		RL	102709865 PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): James SCHLEICHER (03/12/2004), Richard YUAN (03/16/2004), Bruce PEDERSEN (03/13/2004), Sinan KAPTANOGLU (03/16/2004), Gregg BAECKLER (03/12/2004), David LEWIS (03/15/2004), Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			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>95134</u> Additional name(s) & address(es) 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>see Box 1, conveying parties</u>					
4. Application number(s) or patent number(s): <u>10810117</u> If this document is being filed together with a new application, the execution date of the new application is: <u>March 12, 2004</u> A. Patent Application No.(s): _____ 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>Douglas G. Hodder</u> <u>MORRISON & FOERSTER LLP</u> Internal Address: <u>Atty. Dkt.: 306812005700</u> Street Address: <u>755 Page Mill Road</u> City: <u>Palo Alto</u> State: <u>CA</u> Zip: <u>94304</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: <u>03-1952</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
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>Douglas G. Hodder - 41,840</u>  <u>March 25, 2004</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>6</u>					

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PA-870628

PATENT REEL: 015150 FRAME: 0920

**RECORDATION FORM COVER SHEET
(continued)**

Additional Conveying Party(ies) (1. Continued):

Mike HUTTON (03/16/2004), Andy LEE (03/12/2004), Rahul SAINI (03/12/2004), and Henry KIM (03/16/2004)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached? Yes No

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by James SCHLEICHER, Richard YUAN, Bruce PEDERSEN, Sinan KAPTANOGLU, Gregg BAECKLER, David LEWIS, Mike HUTTON, Andy LEE, Rahul SAINI, and Henry KIM (hereinafter referred to as the assignors), residing at 215 San Mateo Avenue, Los Gatos, California 95030; 20199 Suisun Drive, Cupertino, California 95014; 1063 Morse Avenue #21300, Sunnyvale, California 94089; 2701 Witheridge Road, Belmont California 94002; 1815 Naglee Avenue, San Jose, California 95126; 188 Howland Avenue, Toronto, Ontario MSR 3B6; 209 Post Street, Mountain View, California 94040; 6936 Rainbow Drive, San Jose, California 95129; 131 Red Cedar Lane, Union City, California 94587 and 60 Desconso Drive #1202, San Jose, California 95134, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in OMNIBUS LOGIC ELEMENT, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; 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 (hereinafter referred to as the assignee) 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 assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, 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 be held and enjoyed by said assignee, 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 assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners 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 assignors have 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 assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, 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, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

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

3/12/04
Date
[Signature]
James SCHLEICHER

3/16/04
Date
[Signature]
Richard YUAN

3/13/04
Date
[Signature]
Bruce PEDERSEN

3/16/2004
Date
[Signature]
Sinan KAPTANOGLU

3/12/04
Date
[Signature]
Gregg BAECKLER

3/16/04
Date
[Signature]
Mike HUTTON

3/12/04
Date
[Signature]
Andy LEE

03/12/04
Date
[Signature]
Rahul SAINI

03/16/2004
Date
[Signature]
Henry KIM

**ASSIGNMENT
JOINT**

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WHEREAS, said assignors have invented certain new and useful improvements in OMNIBUS LOGIC ELEMENT, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; 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 (hereinafter referred to as the assignee) 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 assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, 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 be held and enjoyed by said assignee, 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 assignors, had this sale and assignment not been made.

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AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, 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, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

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Date James SCHLEICHER

Date Richard YUAN

Date Bruce PEDERSEN

Date Sinan KAPTANOGLU

Date Gregg BAECKLER

Mar 15/04
Date David LEWIS

Date Mike HUTTON

Date Andy LEE

Date Rahul SAINI

Date Henry KIM