

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Ali Atesoglu | 09/09/2009 |
| RECEIVING PARTY DATA | |
| Name: | Altera Corporation |
| Street Address: | 101 Innovation Drive |
| City: | San Jose |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12562165 |
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| NAME OF SUBMITTER: | Michael L. Gencarella |
| Total Attachments: 1 source=ALTEP209_executed_assignment#page1.tif | |

CH \$40.00 12562165

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I the undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

TUNING CIRCUIT WITH A WIDE TUNING RANGE

(Atty. Docket No. ALTEP209/A03190) for which I have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor hereby:

- 1) Sells, assigns and transfers to Altera Corporation a Delaware corporation having a place of business at 101 Innovation Drive San Jose, CA 95134, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorizes and requests the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any divisions, continuations, substitutes or reissues thereof to the ASSIGNEE.
- 3) Agrees to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agrees that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrants and represents that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

1)

Signature:

Typed Name:

Ali Atesoglu

Date:

9/9/2009