

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Antonio Gallerano	10/05/2009
Charles Y. Chu	10/09/2009
Jeffrey T. Watt	10/09/2009

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:	12577547

CORRESPONDENCE DATA

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 Address Line 2: Ward & Olivo LLP
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ATTORNEY DOCKET NUMBER:	60889-5066
NAME OF SUBMITTER:	Frank Morris

Total Attachments: 2
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**PATENT
 REEL: 023359 FRAME: 0164**

CH \$40.00 12577547

ASSIGNMENT

WHEREAS, We, Antonio Gallerano, a citizen of Italy, residing at San Jose, CA, Charles Y. Chu, a citizen of the United States, residing at Cupertino, CA, and Jeffrey T. Watt, a citizen of the United States, residing at Palo Alto, CA, ASSIGNORS, are the inventors of the invention in ESD PROTECTION FOR DIFFERENTIAL OUTPUT PAIRS for which we have executed an application for a Patent of the United States

which is executed on even date herewith or _____

which is identified by Ward & Olivo LLP docket no.60889-5066

which was filed on _____, application serial no.

We hereby authorize and request our attorney, Francis E. Morris, to insert here in parentheses (Application serial no. 12/577547 filed 12 OCT 2009) the application serial no. and filing date of the application when known.

and WHEREAS, ALTERA CORPORATION., ASSIGNEE, a corporation having a place of business at 101 Innovation Drive, San Jose, CA, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer, and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extension, renewals and reissues thereof.

AND WE HEREBY authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have the full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

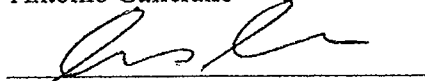
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

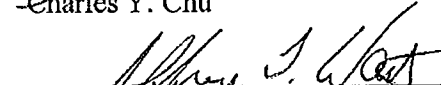
Date 10/05/2009


Antonio Gallerano

Date 10/9/09


Charles Y. Chu

Date OCT. 9, 2009


Jeffrey T. Watt
Jeffrey
JW 10/9/09