

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven Perry</td> <td>02/29/2012</td> </tr> <tr> <td>Gareth Duncan</td> <td>02/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steven Perry	02/29/2012	Gareth Duncan	02/29/2012
Name	Execution Date						
Steven Perry	02/29/2012						
Gareth Duncan	02/29/2012						
RECEIVING PARTY DATA							
Name:	Altera Corporation						
Street Address:	101 Innovation Drive						
City:	San Jose						
State/Country:	CALIFORNIA						
Postal Code:	95134-1941						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13369727</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13369727		
Property Type	Number						
Application Number:	13369727						
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NAME OF SUBMITTER:	Lise Ann Ruggeri-Kalil						
Total Attachments: 2 source=000174_0750_101_Assignment#page1.tif source=000174_0750_101_Assignment#page2.tif							

CH \$40.00 13369727

A S S I G N M E N T

Whereas we, Steven Perry and Gareth Duncan, respectively residing in High Wycombe, Buckinghamshire, England and Maidenhead, Berkshire, England have made an invention in:

PROCESSOR TO MESSAGE-BASED NETWORK
INTERFACE USING SPECULATIVE TECHNIQUES

and are about to make or have made application for United States Letters Patent therefor, the same having been executed by each of us on even date(s) herewith (each of us hereby authorizes and requests any one of assignee's attorneys associated with Customer Number 45851, to insert here in brackets [Application No. _____, filed _____] the application number and filing date of said application when known); and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of Delaware and having an office and place of business at 101 Innovation Drive, San Jose, California 95134-1941 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) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of us does 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 and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same,

and including the right to claim priority under the International Convention based on said patent application; 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 each of us hereby authorizes and requests 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 each of us further agrees 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 and affixed our seals on the dates indicated hereinafter.

29/2/2012
Date

Steven Perry
Steven Perry

29/2/2012
Date

Gareth Duncan
Gareth Duncan