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**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

Commissioner of Patents:

Please record the attached document.

05-26-2005

- 1. Name of conveying party:
 - a) Jamshid Foroudian
 - b) John S. Oh



103009754

- 2. Name and address of receiving party:
 - a) Name: **Altera Corporation**
 - Address: 101 Innovation Drive
San Jose, CA 95134

- 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 _____	<input type="checkbox"/> License Agreement

Execution Date: May 16, 2005

- 4. Application Number or Patent Number: 11/084,366

The title of the application is:
A Multi-PLL Solution For Multi-Link Multi-Rate Line Card Applications

- 5. Please send all correspondence concerning this document to:

**Beyer Weaver & Thomas, LLP
P.O. Box 70250
Oakland, CA 94612-0250
Customer Number: 51501**

- 6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41): \$40.00

- Enclosed.
- Charge to Deposit Account No. 500388 (Order No. _____).
- Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. ALTRP156).

Date: May 20, 2005

Desmund Gean

Desmund Gean
Registration No. 52,937

Total number of pages including this cover sheet, attachments and documents: 2

05/23/2005 GWORDD0F1 00000080 11084366
02 FC:8021 40.00 DP

Attorney Docket No. ALTRP156/A1825

(Revised 9/03)

**PATENT
REEL: 016590 FRAME: 0867**

ASSIGNMENT OF PATENT APPLICATION

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

A MULTI-PLL SOLUTION FOR MULTI-LINK MULTI-RATE LINE CARD APPLICATIONS

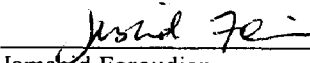
(Atty. Docket No. ALTRP156/A1825), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
 which bears U.S. application No.: 11/084,366
 which is a U.S. provisional application. (Accompanying)

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

- 1) Sell, assign and transfer to **Altera Corporation**, a Delaware corporation having a place of business at 101 Innovation Drive, San Jose, California 95134 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree 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 applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree 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) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1) Signature:  Date: 5/16/05
Typed Name: Jamshid Foroudian

2) Signature:  Date: 5/16/2005
Typed Name: John S. Oh