

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ecole Polytechnique Federale de Lausanne	08/30/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Marvell International Ltd.
<b>Street Address:</b>	41A Cedar Avenue
<b>City:</b>	Hamilton
<b>State/Country:</b>	BERMUDA
<b>Postal Code:</b>	HM12
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	10589133
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)641-0270
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	248-641-1600
<b>Email:</b>	mpurvis@hdp.com
<b>Correspondent Name:</b>	Harness Dickey & Pierce, P.L.C.
<b>Address Line 1:</b>	5445 Corporate Drive
<b>Address Line 2:</b>	Suite 200
<b>Address Line 4:</b>	Troy, MICHIGAN 48098
<b>ATTORNEY DOCKET NUMBER:</b>	5059-001953 (MP2494)
<b>NAME OF SUBMITTER:</b>	Michael D. Wiggins
<b>Total Attachments: 3</b>	
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CH \$40.00 10589133

RECORDATION FORM COVER SHEET

PATENTS ONLY

HDP Docket No. MP2494

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Ecole Polytechnique Federale de Lausanne

Execution Date(s) 08/30/2007

Additional name of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Marvell International Ltd.

Internal Address: \_\_\_\_\_

Street Address: 41A Cedar Avenue

City: Hamilton

State: \_\_\_\_\_

Country: Bermuda Zip: Hm12

Additional Name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

4. Application number(s) or patent number(s):

A. Patent Application No.(s)  
10/589,133

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: \_\_\_\_\_

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

Phone Number : 248-641-1600

Fax Number: 248-641-0270

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 08-0750

Authorized User Name Harness Dickey & Pierce

9. Signature :



Signature

05/07/2008

Date

Michael D. Wiggins

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**  
Corporate

Ecole Polytechnique Federale de Lausanne, a Swiss university, located at CH-Ecublens, Station 10, CH-1015 Lausanne, Switzerland, (hereafter the "Assignor"), is the owner by respective Assignment of Patent Application(s) identified below (hereafter sometimes called the "Patent Application(s)").

Marvell International Ltd., a corporation of Bermuda, having a place of business at Argyle House, 41A Cedar Avenue, Hamilton, HM12, Bermuda (hereafter the "Assignee"), desires to acquire all of the rights to the Patent Application(s) and all inventions described and claimed therein or entitled to the benefit thereof.

Pursuant to a certain Technology Transfer Agreement between Assignor and Assignee, the parties wish to further confirm the transfer of the Patent Application(s) from Assignor to Assignee.

HEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patent Application(s) identified below, and all inventions described and claimed therein or entitled to the benefit thereof, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions, continuations, and national phase applications of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

Serial No.	Filing Date	Title
EP App. No. 04100600.8	February 13, 2004	Calibration Method and Apparatus for Low Noise, Fast and Wide-Locking Range Phase Locked Loop
PCT/EP2005/050484	February 4, 2005	Analogue Self-Calibration Method and Apparatus for Low Noise, Fast and Wide-Locking Range Phase Locked Loop

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U.S. Pat. App. No. 10/689,133  (US national phase application based on above-identified PCT application)	August 11, 2006	Analogue Self-Calibration Method and Apparatus for Low Noise, Fast and Wide-Locking Range Phase Locked Loop
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By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Application(s) and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;
  - b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application(s) or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and
  - c. to perform all affirmative acts which may be necessary to obtain a grant of a valid patent to the Assignee on any of the Patent Application(s) and on any continuation, division, reissue or reexamination of any of the Patent Application(s).
- The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.
- The undersigned has reviewed the documents in the Patent Application(s) identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

The undersigned is empowered to sign this certificate on behalf of the Assignor.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative  
on the date following the undersigned's name.

Ecole Polytechnique Federale de Lausanne

By: Clerc Clerc

Title: Head of SRI-EPL

Date: 30-8-2007