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

1. Name of conveying party(ies)

Robertus Laurentius van der Valk,
Paulus Hendricus Lodewijk Maria Schram, and
Johannes Hermanus Aloysius de Rijk

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

2. Name and address of receiving party(ies)

Name: Zarlink Semiconductor Inc.

Internal Address: _____

Street Address: 400 March Road

City: Kanata

State: ON

Country: CA Zip: K2K 3H4

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 10, 2007

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/939,894

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Lawrence E. Laubscher, Jr.

Internal Address: Laubscher & Laubscher, P.C.

Street Address: 1160 Spa Road, Suite 2B

City: Annapolis

State: MD Zip: 21403

Phone Number: 410 280 6608

Fax Number: 410 280 6758

Email Address: llaubscher@laubscherlaw.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

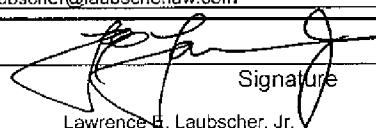
- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 2008
Expiration Date 10/08

b. Deposit Account Number 50-1936

Authorized User Name Laubscher, Jr.

9. Signature:

Signature

January 24, 2008

Date

Lawrence E. Laubscher, Jr.

Name of Person Signing

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

4

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

OP \$40.00 11939894

ASSIGNMENT

WHEREAS, **Robertus Laurentius van der Valk**, a citizen of The Netherlands, residing at 's Gravenpark 14, 2902 LD Capelle aan den IJssel, The Netherlands, **Paulus Hendricus Lodewijk Maria Schram**, a citizen of The Netherlands, residing at Finlandpad 3, 4614 JH Bergen op Zoom, The Netherlands, and **Johannes Hermanus Aloysius de Rijk**, a citizen of The Netherlands, residing at Statensingel 167A, 3039LL, Rotterdam, The Netherlands, have invented certain improvements in **A Digital Phase Locked Loop** as set forth in the application for as set forth in the application for U.S. Letters Patent Serial No. 11/939,894 filed November 14, 2007.

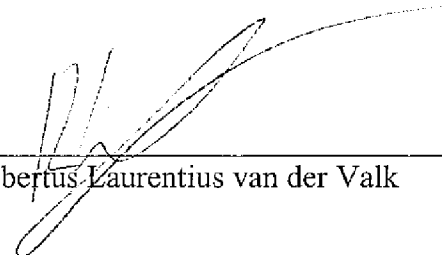
WHEREAS, **Zarlink Semiconductor Inc.**, a corporation of Canada, having a place of business at 400 March Road, Kanata, ON K2K 3H4, Canada, is desirous of acquiring an interest therein.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration the receipt of which is hereby acknowledged, WE, **Robertus Laurentius van der Valk, Paulus Hendricus Lodewijk Maria Schram, and Johannes Hermanus Aloysius de Rijk**, by these presents do hereby sell, assign and transfer unto **Zarlink Semiconductor Inc.**, the entire right, title and interest in and to said invention, as described in the patent application identified above, preparatory to obtaining Letters Patent of the United States therefor, as well as to any patent application thereon that may be filed in any country foreign to the United States, and to any divisional, continuation or continuation-in-part applications thereon that may be filed in the United States or any other country; said invention, application and Letters Patent to be held and enjoyed by the said **Zarlink Semiconductor Inc.** for its own use and behoof, and for its legal representatives or assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

Lawrence E. Laubscher, Jr., attorney of record is hereby granted the power to insert on this Assignment any further identification which may be necessary or desirable in order to

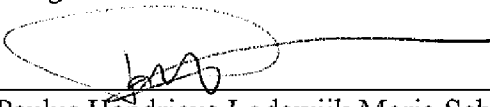
comply with the rules of the United States Patent and Trademark Office for recordation of this document.

10th December, 2007



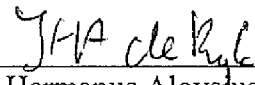
Robertus Laurentius van der Valk

10th December, 2007



Paulus Hendricus Lodewijk Maria Schram

10 dec, 2007



Johannes Hermanus Aloysius de Rijk