

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

JOHN KHOURY and JOMO EDWARDS

SERIAL NUMBER: 10/145,412

FILED: MAY 12, 2002

FOR: A PRECISE PHASE DETECTOR

PATENT

ART UNIT NO.: 2816

EXAMINER: CASSANDRA F. COX

ATTY DOCKET NO. MULT1801

San Jose, California  
July 26, 2004

I hereby certify that this document and the documents referred to Assignment of Patent Application is being faxed and original of same mailed this 26 day of July, 2004, with a cover sheet to (703) 306-5995-Attn: Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

*Marlene Tuza*

Typed or printed name of person mailing paper or fee

Signature of person mailing paper

**COVER SHEET FOR ASSIGNMENT (DOCUMENT)**

Mail Stop Assignment  
Recordation Services, Director  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

1. The Patent Application filed [ ] herewith: [X] on May 12, 2002, and to which the attached assignment refers is identified as follows:

- a. Date of execution: June 30, 2004
- b. Name of each inventor: (1) John Khoury  
(2) Jomo Edwards
- c. Title of invention: A PRECISE PHASE DETECTOR

**NAME OF PARTY(IES) CONVEYING INTEREST (37 CFR 3.31(A)(1))**

2. The party conveying this interest is: MultiLink Technology Corporation

ASSIGNMENT COVER  
ATTORNEY FILE NO. MULT1801

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST  
(37 CFR 3.31(A)(2))**

3. The rights are being conveyed to:

Name: **Vitesse Semiconductor Corp.**  
Address: **741 Calle Plano  
Camarillo, CA 93012**

**DESCRIPTION OF INTEREST CONVEYED OR  
TRANSACTION RECORDED (37 CFR 3.31(A)(3))**

4. The accompanying document intends to accomplish:

- |                                     |                      |                          |                     |
|-------------------------------------|----------------------|--------------------------|---------------------|
| <input checked="" type="checkbox"/> | an assignment        | <input type="checkbox"/> | a change of name    |
| <input type="checkbox"/>            | a security agreement | <input type="checkbox"/> | a change of address |
| <input type="checkbox"/>            | a license            | <input type="checkbox"/> | other               |
| <input type="checkbox"/>            | a merger             |                          |                     |

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE SHOULD BE  
MAILED (37 CFR 3.31(A)(5))**

5. Please address correspondence to:

Douglas A. Chaikin, Esq.  
**PENINSULA IP GROUP**  
A Professional Law Corporation  
26150 Bucks Run  
Corral de Tierra, CA 93908  
Telephone: (831) 484-2641  
(Fax): (413) 215-3453  
Reg. No.: 29,140

**DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31(A)(7))**

6. The attached assignment (document) was executed by  
**Eugene Hovanec on June 30, 2004**

ASSIGNMENT COVER  
ATTORNEY FILE NO. MULT1801

### LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

The attached document:

- is in the English language  
 is not in the English language and a verified English translation signed by the individual making the translation is attached

### ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

7. Submitted herewith is:

- the original document  
 a true copy of the original document

### NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET AND THE FEE (37 CFR 3.31 (A)(6))

8. A. This cover sheet identifies only one application:

B. The fee for recordal (37 CFR 1.21(h)) is \$40.00

[X] Attached PTO Form 2038 for \$40.00

### STATEMENT (37 CFR 3.31(A)(9)) AND SIGNATURE (37 CFR 3.31(A)(10))

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,



Douglas A. Chaikin, Esq.

**PENINSULA IP GROUP**

A Professional Law Corporation

26150 Bucks Run

Corral de Tierra, CA 93908

Telephone: (831) 484-2641

(Fax): (413) 215-3453

Reg. No.: 29,140

## ASSIGNMENT OF PATENT APPLICATION

**WE, MultiLink Technology Corporation**, having our mailing address at 300 Atrium Drive, Second Floor, Sommerset, New Jersey, 08873, respectively, do hereby sell, assign and transfer unto at 300 Atrium Drive, Second Floor, Sommerset, New Jersey, 08873, respectively, do hereby sell, assign and transfer unto **VITESSE SEMICONDUCTOR CORP.**, 741 Calle Plano, Camarillo, CA 93012, a corporation organized under the Laws of the State of California, hereinafter, **VITESSE**, the entire right, title and interest, together with all rights of priority, in and to our invention for "**A PRECISE PHASE DETECTOR**" filed on May 12, 2002 as described and claimed in our Application for Letters Patent of the United States of America, as described and/or claimed in any and all applications for Letters Patent based thereon including divisions, continuations and reissues thereof as well as all foreign counterparts thereof together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by **VITESSE**, its successors, assigns or other legal representatives, to the full ends of the terms of all

**AND, WE HEREBY AUTHORIZE AND EMPOWER VITESSE**, its successors, assigns and legal representatives or nominees, to make applications for patent or other form of protection for our invention referenced above, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us, and to receive Letters Patent for said invention in any foreign countries in its own name, or in our names, at its election.

Assignment of Patent Rights to Vitesse  
Attorney Docket No.: MULT1801

AND, **WE** HEREBY COVENANT AND AGREE that **WE** will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that **WE** will, at any time, upon the request and at the expense of **VITESSE** deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in **VITESSE**, its successors, assigns, or other legal representatives, and that **WE** will, at any time, upon the request and at the expense of **VITESSE** execute any continuations, divisions, reissues, or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to **VITESSE**, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of **VITESSE**, its successors, assigns or other legal representatives.

AND, **WE** HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid application(s) to **VITESSE** as the sole owner.

Assignment of Patent Rights to Vitesse  
Attorney Docket No.: MULT1801

AND, **WE** HEREBY CONSENT that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said **VITESSE** or nominee to claim the aforesaid benefit of the right priority provided by the International Convention for the Protection of Industrial Property as, or by any convention which may henceforth be substituted for it.

AND, **WE** covenant with said **VITESSE**, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance and that **WE** have full right to convey the same as herein expressed.

Signed at Vitesse Semiconductor Corp, this 30 day of June 2004

For: ~~MultiLink Technology Corporation~~

