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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 10/10/01  
 Zarlink Semiconductor Inc.

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

3. Nature of conveyance:  
 Assignment  Merger  
 Change of Name  Other  
 Security Agreement

Execution Date: September 11, 2001

2. Name and address of receiving party(ies):  
 Name:  
**ZARLINK SEMICONDUCTOR N.V. INC.**

Street Address:  
**121 Innovation Drive, Suite 100  
 Irvine, California 92612**

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).  
09/808,652

B. Patent No(s).  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Lawrence E. Laubscher, Jr.  
1160 Spa Road, Suite 2B  
Annapolis, MD 21403

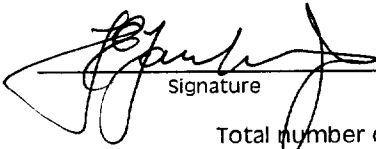
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40  
 Enclosed  
 Authorized to be charged to deposit account any missing or additional fee

8. Deposit Account No. 50-1936

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9. Statement and signature.  
*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.*

Lawrence Laubscher, Jr.  October 9, 2001  
 Name of Person Signing Signature Date

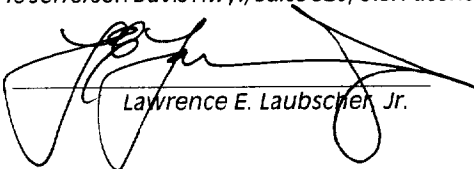
Total number of pages including cover sheet: 121

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\*\*\* CERTIFICATE OF MAILING \*\*\*

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box Assignments, 1213 Jefferson Davis Hwy., Suite 320, U.S. Patent and Trademark Office, Washington, D.C. 20231

on 10/9/01  
Date

  
Lawrence E. Laubscher, Jr.

WHEREAS, Zarlink Semiconductor Inc. (formerly known as Mitel Corporation), 400 March Road, Ottawa, Ontario, K2K 3H4, Canada owns an invention entitled **BANDWIDTH SHARING USING EMULATED WEIGHTED FAIR QUEUING (EWFQ)**, for which an application for United States Letters Patent has been filed bearing serial number 09/808,652;

WHEREAS, Zarlink Semiconductor V.N. Inc., a wholly owned subsidiary of Zarlink Semiconductor Inc., whose full post office address is 121 Innovation Drive, Suite 100, Irvine, California 92612, UNITED STATES OF AMERICA, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any United States Letters Patent that may be granted therefor;

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, as assignor, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein.

Signed at Ottawa, Canada this 11<sup>th</sup> day of September 2001

*D. Byrne*  
(Signatory of Zarlink Semiconductor Inc.)

D. BYRNE  
Vice President, Legal (Name and Title)