

06-06-2003

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼



102466089

EET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

## 1. Name of conveying party(ies):

Dieter SCHULZ

5.29.03

## 2. Name and address of receiving party(ies)

Name: Zarlink Semiconductor Inc.

Internal Address: 400 March Road

Street Address: Same

City: Ottawa, Ontario CANADA State: Zip: K2K 3H4

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 5/27/2002

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

10447857

If this document is being filed together with a new application, the execution date of the application is: 5/29/2003

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: David B. Cochran, Esq.

Internal Address: Jones Day

North Point

901 Lakeside Avenue

Street Address: Same

06/05/2003 TDI A21 00000141 501432 10447857

01 FC:0021 40.00 CH

City: Cleveland State: OH Zip: 44114

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

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

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

501432 (Ref. 481340010057)

DO NOT USE THIS SPACE

## 9. Signature.

David B. Cochran, Esq.

Name of Person Signing

Signature

May 29, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 014131 FRAME: 0457

## WORLDWIDE ASSIGNMENT

WHEREAS, I, **Dieter SCHULZ**, residing at, 2936 Maple Lane, RR#1 Dunrobin Shores, Ontario, Canada, K0A 1T0 has invented certain new and useful improvements in an invention entitled **DISTRIBUTED ECHO CANCELLING** for which an application for United States Letters Patent will be filed; and

WHEREAS, **ZARLINK SEMICONDUCTOR INC.**, a company organized and existing under the laws of Canada, having a place of business at **400 March Road, City of Ottawa, Ontario, Canada, K2K 3H4**, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I do hereby sell, assign, transfer, and set over unto the said **ZARLINK SEMICONDUCTOR INC.**, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the invention therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the said **ZARLINK SEMICONDUCTOR INC.** for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made;

AND I hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the said **ZARLINK SEMICONDUCTOR INC.**, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said invention; and I, further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of said **ZARLINK**

**SEMICONDUCTOR INC.**, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the said **ZARLINK SEMICONDUCTOR INC.**, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

WITNESS my hand at X OTTAWA, ONT  
this X 10 day of X SEPT, 2002

X   
Dieter SCHULZ

Witness:

X 