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RE

OMB No. 0651-0027 (exp. 6/30/2005)

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

Docket No. MARSP0170US

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

1. Name of conveying party(ies):  
Timothy Michael Edmund Frost  
Geoffrey Edward Floyd

4/26/04

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

3. Nature of conveyance:

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

Execution Date: 09/05/2003

2. Name and address of receiving party(ies)  
Name: Zarlink Semiconductor Limited

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

Street Address: Cheney Manor, Swindon,  
Wiltshire SN2 2QW UNITED KINGDOM

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

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) 10/643,129

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

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark D. Saralino

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

Renner, Otto, Boisselle & Sklar, LLP

Street Address: 1621 Euclid Avenue

Nineteenth Floor

City: Cleveland State: OH Zip: 44115

6. Total number of applications and patents involved: ☐

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

18-0988

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9. Signature.

Mark D. Saralino  
Name of Person Signing

Signature

04/22/2004  
Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 015268 FRAME: 0079

## ASSIGNMENT

## WHEREAS:

NAME(S) AND  
ADDRESS(ES) OF  
INVENTOR(S)

Timothy Michael Edmund Frost  
23 Long Park Drive  
Woolwell  
Plymouth PL6 7QE  
United Kingdom

Geoffrey Edward Floyd  
25 Chapel Meadow  
Buckland Monachorum  
Yelverton, Devon  
PL20 7LR  
United Kingdom

(hereinafter referred to as ASSIGNOR), have invented a certain invention entitled:

TITLE OF  
INVENTION

METHOD AND APPARATUS FOR DISTRIBUTING TIMING DATA ACROSS A PACKET NETWORK

for which application for Letters Patent of the United States has been:

PARTICULARS OF  
APPLICATION

[ X ] executed concurrently herewith,  
[ ] filed under U.S. Application No. \_\_\_\_\_ on \_\_\_\_\_, or  
[ ] filed under Express Mail Label No. \_\_\_\_\_ on \_\_\_\_\_.

## WHEREAS:

NAME, STATE OF  
INCORPORATION  
AND ADDRESS OF  
ASSIGNEE

Zarlink Semiconductor Limited  
Cheney Manor  
Swindon  
Wiltshire  
SN2 2QW  
United Kingdom

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention (including all inventions should said application be deemed to include multiple inventions).

Now, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention, and in and to said application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications and to claim priority under the provisions of any international convention; and also the entire right, title and interest in and to any and all patents, or reissues or extensions thereof, to be obtained in this or any foreign country upon said application or applications and any divisional, continuation or substitute applications which may be filed upon said invention in this or any foreign country; and ASSIGNOR hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to ASSIGNEE.

ASSIGNOR hereby covenants that ASSIGNOR has the full power to make this assignment and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce patent protection for said invention in all countries.

FULL NAME(S) OF  
INVENTORS(S)Date 5 Sept. 2003

T.M.E. Frost  
Timothy Michael Edmund Frost

Date 5 Sept 2003

GEF  
Geoffrey Edward Floyd

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