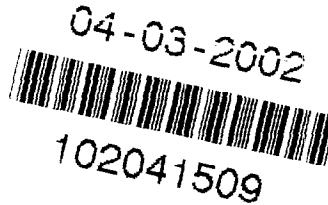




RECC



Docket No. 47630/DBP/C664

Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068

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

<p>1. Name of conveying party(ies): Mark J. Owens 3-27-02</p> <p>Additional name(s) of conveying party(ies) attached: YES</p>	<p>2. Name and address of receiving party(ies): Name: Redfern Broadband Networks, Inc.</p> <p>Street Address: 1209 Orange Street, Wilmington, County of Newcastle, Delaware 19801</p>		
<p>3. Name of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: 01/30/02; 02/02/02; 01/30/02; 01/29/02; 02/01/02; 01/30/02; 02/01/02</p>	<p>Additional name(s) & address(es) attached? NO</p>		
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: .</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>A. Patent Application No.(s) 10/028,745</p> </td> <td style="width: 50%; vertical-align: top;"> <p>B. Patent No.(s)</p> </td> </tr> </table> <p style="text-align: center;">Additional numbers attached? NO</p>		<p>A. Patent Application No.(s) 10/028,745</p>	<p>B. Patent No.(s)</p>
<p>A. Patent Application No.(s) 10/028,745</p>	<p>B. Patent No.(s)</p>		
<p>5. Please return the recorded document and address all correspondence to:</p> <p>CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068</p> <p>Attention: D. Bruce Prout</p>	<p>6. Total number of applications and patents involved..... 1</p> <p>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41): \$ 40.00</p> <p>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</p>		
<p>10. <input type="checkbox"/> Explanatory letter is enclosed.</p>	<p>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.</p> <p>04/02/2002 TDIAZI 00000192 10028745 01 FC:581 Date: March 12, 2002 40.00 DP</p> <p style="text-align: center;">By <u><i>D. Bruce Prout</i></u> Name: D. Bruce Prout 626/795-9900</p> <p><small>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231 ON</small></p> <p>3-12-02 <i>[Signature]</i> DATE SIGNATURE</p> <p style="text-align: right;">Total number of pages including cover sheet, attachments, and document: 6</p>		



Docket No. 47630/DBP/C664

CONTINUATION SHEET FOR
RECORDATION FORM COVER SHEET

This Continuation Sheet relates to

PATENTS

1. Name of conveying party(ies): Chia Seiler; Brian Robert Brown; Mark Henry Bonwick; Quentin Scott; Robert Goh; Ross Halgren	2. Name and address of receiving party(ies):
3. A. Applications	4. B. Patents

DBP/mas

MAS PAS420179.1-*3/8/02 9:25 PM

ASSIGNMENT OF PATENT APPLICATION

NON - U.S. APPLICANT

WHEREAS, THE UNDERSIGNED INVENTORS, (hereinafter singly and collectively **ASSIGNOR**) of the address indicated below, have invented the Invention described in an application entitled:

WDM ADD/DROP MULTIPLEXER MODULE

for Letters Patent of the United States which:

[] was filed as U.S. Serial No. filed on 21 December 2001

AND WHEREAS

REDFERN BROADBAND NETWORKS, INC. which is a:

[x] corporation

~~[*] company, other than a corporation~~

~~[*] partnership~~

~~[*] sole proprietor/individual~~

having a principal place of business at 1209 Orange Street, Wilmington, County of Newcastle, Delaware 19801, United States of America hereinafter, **ASSIGNEE**), is desirous of acquiring an Interest therein;

NOW, THEREFORE for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **ASSIGNOR** by these presents does sell, assign and transfer unto **ASSIGNEE**, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid patent application, and the Invention as described In the aforesaid application, in the United States, together with any divisions, continuations, continuations-In-part, reissues, or re-examinations thereof, and hereby authorise(s) and request(s) the Commissioner of Patents to issue Letters Patent issuing therefrom to **ASSIGNEE**, for the sole use and benefit of **ASSIGNEE**, its successors, assigns and legal representatives;

ASSIGNOR also hereby sells and assigns to said **ASSIGNEE**, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models , designs and equivalents for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in **ASSIGNEE**, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said **ASSIGNEE**, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said **ASSIGNEE**, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said **ASSIGNEE** and to aid said **ASSIGNEE**, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby authorize and request our attorney, **Christie Parker & Hale** of PO Box 7068, Pasadena, CA 91109-7068, United States of America, or its agents, the power to insert on this assignment further identification, including but not limited to application number(s) and filing dates, when known, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office for the purposes of recording this document.

EXECUTED as of the date written below by **ASSIGNOR**:

Date: 30 JAN 2002

Mark J. Owens
Mark J. Owens

Kerry Sudd
Witness Signature

KERRY Sudd
Witness Name

Inventor's name: Mark J. Owens

Inventor's address: 24 Surrey Street, Epping, New South Wales, 2121, Australia

Date: 02 FEB 2002

Chia Seiler
Chia Seiler

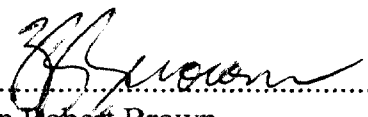
Kerry Sudd
Witness Signature

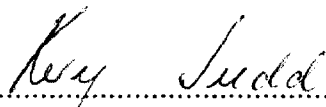
KERRY Sudd
Witness Name

Inventor's name: Chia Seiler

Inventor's address: 375 Nicholson-Sarsfield Road, Bairnsdale, Victoria 3875, Australia

Date: 30 JAN 2002

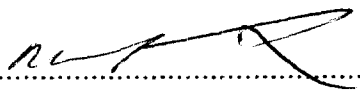

.....
Brian Robert Brown


.....
Witness Signature

KERRY JUDD
.....
Witness Name

Inventor's name: Brian Robert Brown
Inventor's address: 32 Park Street, Collaroy, New South Wales 2097, Australia

Date: 29 JAN 2002



.....
Mark Henry Bonwick

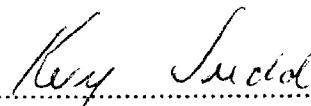

.....
Witness Signature

KERRY JUDD
.....
Witness Name

Inventor's name: Mark Henry Bonwick
Inventor's address: 64 Kens Road, Frenchs Forest, New South Wales 2086, Australia

Date: 1 FEBRUARY 2002

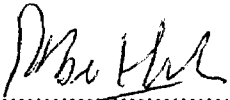

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Quentin Scott

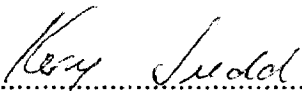

.....
Witness Signature

KERRY JUDD
.....
Witness Name

Inventor's name: Quentin Scott
Inventor's address: 21 Birubi Avenue, Pymble, New South Wales 2073, Australia

Date: 30 JAN 2002

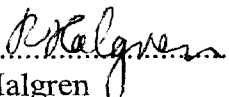

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Robert Goh

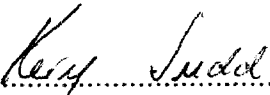

.....
Witness Signature

KERRY SUDD
.....
Witness Name

Inventor's name: Robert Goh
Inventor's address: 25 Johnson Street, Chatswood, New South Wales 2067, Australia

Date: 1 FEB 2002 2002


.....
Ross Halgren


.....
Witness Signature

KERRY SUDD
.....
Witness Name

Inventor's name: Ross Halgren
Inventor's address: 44 Fuller Street, Collaroy Plateau, New South Wales 2097, Australia