## PATENT ASSIGNMENT

### SUBMISSION TYPE:
NEW ASSIGNMENT

### NATURE OF CONVEYANCE:
ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>David SKEET</td>
<td>09/10/2009</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

- **Name**: PARADISE DATACOM, L.L.C.
- **Street Address**: 328 Innovation Blvd., Suite 100
- **City**: State College
- **State/Country**: PENNSYLVANIA
- **Postal Code**: 16801

### PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Application Number</th>
<th>Number</th>
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<td>12557177</td>
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### CORRESPONDENCE DATA

- **Fax Number**: (717)237-5300
- **Correspondence will be sent via US Mail when the fax attempt is unsuccessful.**
- **Phone**: 717-237-5455
- **Email**: ksmith@mwn.com
- **Correspondent Name**: Kerri J. Smith, Paralegal
- **Address Line 1**: 100 Pine Street
- **Address Line 2**: P.O. Box 1166
- **Address Line 4**: Harrisburg, PENNSYLVANIA 17108-1166

### ATTORNEY DOCKET NUMBER:
22298-0008-01

### NAME OF SUBMITTER:
Kerri J. Smith

Total Attachments: 3

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INDIVIDUAL ASSIGNMENT OF APPLICATION

Whereas, I, David SKEET, hereafter referred to as "applicant" or "assignor", residing at 10 Temple Court, Colchester, Essex, CO4 OPR, United Kingdom, have invented certain new and useful improvements in a(n) METHOD AND APPARATUS FOR DETECTING IN-BAND INTERFERENCE IN A DATA COMMUNICATIONS MODEM

☒ for which an application for a United States Patent will be subsequently filed. I hereby authorize and request an attorney having the power of attorney to prosecute the application from McNees Wallace & Nurick LLC of 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108 to insert here in parenthesis (Application number ______________, filed ______________) the filing date and application number of the application when known.

☐ for which an application for a United States Patent was filed on ______________________ .

Whereas, PARADISE DATACOM, L.L.C., whose street address is 328 Innovation Blvd., Ste. 100, State College, PA, United States of America, herein referred to as "assignee," is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar ($1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I as assignor have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, my entire right, title and interest in and to this invention and this
application, and all divisions, and continuations thereof, and all Letters Patent of the United
States which may be granted thereon, and all reissues thereof, and all rights to claim
priority on the basis of such application, and all applications for Letters Patent which may
hereafter be filed for this invention in any foreign country and all Letters Patent which may
be granted on this invention in any foreign country, and all extensions, renewals, and
reissues thereof; and We hereby authorize and request the Commissioner for Patents of
the United States and any official of any foreign country whose duty it is to issue patents on
applications as described above, to issue all Letters Patent for this invention to assignee,
its successors and assigns, in accordance with the terms of this assignment;

AND, I hereby covenant that I have the full right to convey the interest assigned by
this Assignment, and I have not executed and will not execute any agreement in conflict
with this Assignment;

AND, I hereby further covenant and agree that I will, without further consideration,
communicate with assignee, its successors and assigns, any facts known to my respecting
this invention, and testify in any legal proceeding, sign all lawful papers that may be
necessary or desirable to perfect the title to this invention in said assignee, its successors
or assigns, execute all divisional, continuation, and reissue applications, make all rightful
oaths and generally do everything possible to aid assignee, its successors and assigns, to
obtain and enforce Letters Patent for this invention in the United States and any foreign
country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

I hereby declare that all statements made herein and on the accompanying Assignment Recordal Letter of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, I hereunto set my hand having read and understood this Assignment.

INVENTOR 1

Signature: David Steer

Date: 10th September 2009

Witnessed by: Colin Mackay

Signature

Date: 10 September 2009

Printed Name of Witness

Witnessed by: Patrick Bolton

Signature

Date: 10 September 2009

Printed Name of Witness