

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steve DESBRUSLAIS</td> <td>07/11/2006</td> </tr> <tr> <td>John ELLISON</td> <td>07/11/2006</td> </tr> <tr> <td>David POWELL</td> <td>07/11/2006</td> </tr> </tbody> </table>		Name	Execution Date	Steve DESBRUSLAIS	07/11/2006	John ELLISON	07/11/2006	David POWELL	07/11/2006
Name	Execution Date								
Steve DESBRUSLAIS	07/11/2006								
John ELLISON	07/11/2006								
David POWELL	07/11/2006								
RECEIVING PARTY DATA									
Name:	AZEA NETWORKS LIMITED								
Street Address:	Bates House, 151 Church Road								
Internal Address:	Harold Wood								
City:	Romford, Essex								
State/Country:	UNITED KINGDOM								
Postal Code:	RM3 0SD								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11568185</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11568185				
Property Type	Number								
Application Number:	11568185								
CORRESPONDENCE DATA									
Fax Number:	(801)328-1707								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Correspondent Name:	R. BURNS ISRAELSEN								
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ATTORNEY DOCKET NUMBER:	16085.18								
NAME OF SUBMITTER:	R. BURNS ISRAELSEN								

OP \$40.00 11568185

Total Attachments: 1
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Assignment

USA

Name(s) of Inventors

(1) Steve DESBRUSLAIS

(2) John ELLISON

(3) David POWELL

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

Name of Assignee AZEA NETWORKS LIMITED
Address of Assignee Bates House, 151 Church Road, Harold Wood, Romford, Essex RM3 0SD, United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Title PULSED HIGH LOSS LOOP BACK SIGNALLING SCHEME

for which the undersigned has (have) executed an application for patent in the United States of America

Date of Signing of Application on July 11, 2006
Alternative Identification for filed applications U.S. Application Serial Number 11/568185 filed October 20, 2006

- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof...
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application...
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has/she has (they have) full right to convey the entire interest herein assigned, and that he has/she has (they have) not executed, and will not execute, any agreements in conflict herewith.
6) The undersigned hereby grant(s) to the attorney(s) identified in the Declaration/Power of Attorney for this patent application, the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 7/11/06 Signature of Inventor (1) [Signature]
Date 7/11/06 Signature of Inventor (2) [Signature]
Date 7/11/06 Signature of Inventor (3) [Signature]
Date 7/11/06 Witness [Signature]
Date 7/11/2006 Witness [Signature]

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