

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>Sumudu Geethika Edirisinghe</td> <td>01/15/2009</td> </tr> <tr> <td>Jorg Erich Schwartz</td> <td>01/14/2009</td> </tr> <tr> <td>Wai Mun Wong</td> <td>01/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Sumudu Geethika Edirisinghe	01/15/2009	Jorg Erich Schwartz	01/14/2009	Wai Mun Wong	01/14/2009
Name	Execution Date								
Sumudu Geethika Edirisinghe	01/15/2009								
Jorg Erich Schwartz	01/14/2009								
Wai Mun Wong	01/14/2009								
RECEIVING PARTY DATA									
Name:	Xtera Communications Ltd.								
Street Address:	Bates House, Church Road								
City:	Harold Wood								
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>12252962</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12252962				
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Application Number:	12252962								
CORRESPONDENCE DATA									
Fax Number:	(801)328-1707								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	8015339800								
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Correspondent Name:	Adrian J. Lee								
Address Line 1:	1000 Eagle Gate Tower								
Address Line 2:	60 East South Temple								
Address Line 4:	Salt Lake City, UTAH 84111								
ATTORNEY DOCKET NUMBER:	17653.18								
NAME OF SUBMITTER:	Adrian J. Lee								

Total Attachments: 5
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**PATENT
 REEL: 022157 FRAME: 0253**

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WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket No: 17653.18

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

A S S I G N M E N T

We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled **PHASE SHIFT KEYED HIGH SPEED SIGNALING**. Preferred embodiments of said invention are disclosed in a United States patent application which:

- is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No _____, with a filing date of _____.
- was previously filed in the United States Patent and Trademark Office on October 16, 2008 as Application Serial No. 12/252,962.
- is a United States National Application of PCT International Application No. _____, filed _____.

(The attorneys of Workman Nydegger are hereby authorized to insert the serial number and filing date when known.)

The Assignee, Xtera Communications Ltd., a corporation having a principal place of business at Bates House, Church Road, Harold Wood, RM3 0SD, United Kingdom, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

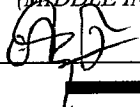

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of the Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 1

Sumudu Geethika Edirisinghe
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature  Date 15/01, 2007


Inventor 2

Jörg
(GIVEN NAME)

Erich
(MIDDLE INITIAL OR NAME)

Schwartz
FAMILY (OR LAST NAME)

Inventor's signature J. Schwartz Date 14/01, 2009

Inventor 3

Wai
(GIVEN NAME)

Mun
(MIDDLE INITIAL OR NAME)

Wong
FAMILY (OR LAST NAME)

Inventor's signature Wong Mun Wai Date 14 JAN, 2009
