

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4452520

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CARLETON CONSULTANCY INC.	05/28/2017
RECEIVING PARTY DATA		
Name:	TRANSWITCH LICENSING, LLC	
Street Address:	1620 N. WACCAMAW DRIVE	
Internal Address:	SUITE 109	
City:	GARDEN CITY BEACH	
State/Country:	SOUTH CAROLINA	
Postal Code:	29576	
PROPERTY NUMBERS Total: 8		
Property Type	Number	
Patent Number:	7106968	
Patent Number:	8024436	
Patent Number:	7720943	
Patent Number:	7031256	
Patent Number:	7177328	
Patent Number:	7649843	
Patent Number:	7672315	
Patent Number:	7680943	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	703-217-3169	
Email:	bkl@lagerman-ip.com	
Correspondent Name:	BRUCE K. LAGERMAN	
Address Line 1:	PO BOX 249	
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NAME OF SUBMITTER:	BRUCE K. LAGERMAN	
SIGNATURE:	/Bruce K. Lagerman/	

DATE SIGNED:	06/09/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=Lagerman-Carleton Assignment EXECUTED - 28 May 2017#page1.tif source=Lagerman-Carleton Assignment EXECUTED - 28 May 2017#page2.tif source=Lagerman-Carleton Assignment EXECUTED - 28 May 2017#page3.tif	

RECORDABLE ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, **Carleton Consultancy Inc.**, a Republic of Seychelles Company having an address at 303 Aarti Chambers, Victoria, Mahe, Republic of Seychelles ("**Assignor**") and **Transwitch Licensing, LLC**, a Connecticut Limited Liability Company having an address at 1620 N. Waccamaw Drive, Suite 109, Gardens City Beach, 29576, does hereby sell, assign, transfer, and convey unto (hereafter "**Assignee**") all its right, title, and interest in and to any and all of the following (collectively, the "**Patent Rights**");

- (a) the patent applications and patents listed below hereto as Group A (the "**Patents**");
- (b) all patents issuing from the Patents;
- (c) all reissues, reexaminations, post grant reviews, *inter partes* reviews, continuing applications, counterpart applications, foreign equivalent applications, divisional and continuation-in-part applications, substitution applications, reissue applications, extensions, renewals and reexamination applications of any of the Patents and patents that may issue from such applications;
- (d) all related patent filing and prosecution documents;
- (e) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any of the Patents and the inventions, invention disclosures, and discoveries therein;
- (f) all inventions and discoveries described in any of the Patents or subject matter capable of being reduced to a patent claim in any of the Patents based on the specification of any of the Patents;
- (g) priority rights in any and all patent filings available from and/or through the Patents;
- (h) any and all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of any of the Patents or of any patent that issues from any of the Patents, including, without limitation, all causes of action and other enforcement rights for (1) damages by reason of any and all past, present or future infringement or unauthorized use of any of the Patents or any rights granted in the foregoing paragraphs (a)-(g), (2) injunctive relief, and (3) any other remedies of any kind for past, present or future infringement and all of the proceeds from the foregoing, that are accrued and unpaid or that are hereafter accruing; and
- (i) rights to collect royalties or other payments under or on account of any of the Patents and/or any of the foregoing categories (a) through (h).

Assignor represents, warrants and covenants that:

Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Recordable Assignment of Patent Rights and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Recordable Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

Patent Number	Application Number	Title	Country	Filing Date
7,106,968	10/189,560	Combined SONET/SDH and OTN architecture	US	2002/07/08
8,024,436	12/754,734	Communication Device for Obtaining an Application Image or Configuration from a Service Provider	US	2010/04/06
7,720,943	11/190,085	Communication device for obtaining an application image or configuration from a service provider	US	2005/07/25
7,031,256	10/760,510	Methods and apparatus for implementing LCAS (link capacity adjustment scheme) sinking with rate based flow control	US	2004/01/20
7,177,328	10/306,232	Cross-connect switch for synchronous network	US	2002/11/27
7,649,843	10/775,013	Methods and apparatus for controlling the flow of multiple signal sources over a single full duplex Ethernet link	US	2004/02/09
7,672,315	11/210,127	Methods and apparatus for deskewing VCAT/LCAS members	US	2005/08/23
7,680,943	10/691,109	Methods and apparatus for implementing multiple types of network tunneling in a uniform manner	US	2003/10/20

IN WITNESS WHEREOF this Recordable Assignment of Patent Rights is executed at
SINGAPORE on MAY 28, 2017.

Assignor:

Carleton Consultancy Inc.

By: 

Name: Guy L. Proulx

Title: Managing Director

(Signature MUST be attested)

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. §1746

The undersigned witnessed the signature of Guy L. Proulx to the above Recordable Assignment of Patent Rights on behalf of Carleton Consultancy Inc. and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Guy L. Proulx is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on MAY 28, 2017 to execute the above Recordable Assignment of Patent Rights on behalf of Carleton Consultancy Inc.
3. Guy L. Proulx subscribed to the above Recordable Assignment of Patent Rights on behalf of Carleton Consultancy Inc.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on MAY 28, 2017

By: 

Print Name: NIKKY CALONCE DATILES