

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TRANSWITCH CORPORATION	05/08/2013
RECEIVING PARTY DATA	
Name:	BELCAN HOLDINGS LTD.
Street Address:	303 Aarti Chambers, Victoria
City:	Mahe
State/Country:	SEYCHELLES
PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	7031256
Patent Number:	7177328
Patent Number:	7649843
Patent Number:	7672315
Patent Number:	7680943
CORRESPONDENCE DATA	
Fax Number:	7035185499
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ATTORNEY DOCKET NUMBER:	T5077-BELCAN
NAME OF SUBMITTER:	Randy A. Noranbrock

Signature:	/Randy A. Noranbrock/
Date:	05/24/2013
Total Attachments: 5 source=Transwitch US Assignment_B1 (Executed)_8 May 13#page1.tif source=Transwitch US Assignment_B1 (Executed)_8 May 13#page2.tif source=Transwitch US Assignment_B1 (Executed)_8 May 13#page3.tif source=Transwitch US Assignment_B1 (Executed)_8 May 13#page4.tif source=Transwitch US Assignment_B1 (Executed)_8 May 13#page5.tif	

EXHIBIT B-1

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, TranSwitch Corporation, a Delaware corporation, having an office at 3 Enterprise Drive, Shelton, CT 06484 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Belcan Holdings Ltd., a Seychelles company, having an office at 303 Aarti Chambers, Victoria, Mahe, Republic of Seychelles ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to all of the following (collectively, the "**Patent Rights**"), including:

(a) the provisional patent applications, patent applications and patents listed in the **Attachment to Exhibit B-1** hereto ("**Listed Patents**"),

(b) all patents or patent applications (i) to which any of the foregoing directly or indirectly claim priority, and (ii) for which any of the foregoing directly or indirectly forms a basis for priority, and/or (iii) that were co-owned patent applications that incorporate by reference, or are incorporated by reference into, any of the foregoing, and (iv) that are reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, or divisions of any of the foregoing, and/or (v) that are foreign patents, patent applications and counterparts to any of the foregoing, including certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances and (vi) any of the foregoing in (i)-(v) whether or not expressly listed as Listed Patents below and whether or not abandoned, rejected, or the like;

(c) inventions, invention disclosures, and discoveries described in any of the Listed Patents and /or any of the foregoing category (b) to the extent that any such inventions, invention disclosures, and discoveries (i) are included in any claim in the Listed Patents and/or any of the foregoing category (b), (ii) are subject matter capable of being reduced to a patent claim in any reissue or reexamination proceedings brought on any of the Listed Patents and/or any of the foregoing category (b), and/or (iii) could have been and/or could be included as a claim in any continuations, continuations in part, continuing prosecution applications, requests for continuing examinations and/or divisions of the Listed Patents and/or any of the foregoing category (b);

(d) 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 the any of the foregoing categories (a), (b) and/or (c), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding;

(e) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights, including, without limitation, all rights under the Listed Patents and/or under or on account of any of the foregoing categories (b), (c) and/or (d) to

- (i) damages,
- (ii) injunctive relief and
- (iii) other remedies of any kind

for past, current and future infringement; and

(f) all rights to collect royalties and other payments under or on account of any of the Listed Patents or any of the foregoing categories (b) through (e).

Assignor represents, warrants and covenants that:

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

(2) Assignor owns all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no present actions or suits, to the best of its knowledge investigations or claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights from Seller.

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 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.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Shelton, CT on this 8th day of MAY, 2013.

ASSIGNOR

TranSwitch Corporation

By: _____

Name: Robert A Bosi

Title: Vice President -Chief Financial Officer

(Signature MUST be attested)

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

The undersigned witnessed the signature of Robert A. Bosi to the above Assignment of Patent Rights on behalf of TranSwitch Corporation 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. Robert A. Bosi is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on May 8, 2013 to execute the above Assignment of Patent Rights on behalf of TranSwitch Corporation.
3. Robert A. Bosi subscribed to the above Assignment of Patent Rights on behalf of TranSwitch Corporation.

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 8, 2013

By: Ana C. Lash

Print Name: Ana C. Lash

Notary Public

My commission expires 2/28/17

Attachment to Exhibit B-1

Listed Patents

Patent No.	Appln No.	Country	Title	Inventors	Appln. Date
7031256	10/760510	US	Methods and apparatus for implementing LCAS (link capacity adjustment scheme) sinking with rate based flow control	Robert W. Hamlin, Jr.; Sebastien Berne	1/20/2004
<input type="checkbox"/>	PCT/US2005/001360	WO	Methods and apparatus for implementing LCAS (link capacity adjustment scheme) sinking with rate based flow control	Robert W. Hamlin; Sebastien Berne	1/18/2005
<input type="checkbox"/>	CN200580008602.0	CN	Methods and apparatus for implementing link capacity adjustment scheme sinking with rate based flow control	Robert W. Hamlin; Sebastien Berne	1/18/2005
<input type="checkbox"/>	EP05705780.4	EP	Methods and apparatus for implementing LCAS (link capacity adjustment scheme) sinking with rate based flow control	Robert W. Hamlin; Sebastien Berne	1/18/2005
7177328	10/306232	US	Cross-connect switch for synchronous network	Glen W. Miller	11/27/2002
<input type="checkbox"/>	PCT/US2003/037159	WO	Cross-connect switch for synchronous network	Glen W. Miller	11/21/2003
7649843	10/775013	US	Methods and apparatus for controlling the flow of multiple signal sources over a single full duplex Ethernet link	Timothy M. Shanley; Robert W. Hamlin	2/9/2004
<input type="checkbox"/>	PCT/US2005/003513	WO	Methods and apparatus for controlling the flow of multiple signal sources over a single full duplex Ethernet link	Timothy M. Shanley; Robert W. Hamlin	1/28/2005
<input type="checkbox"/>	CN200580004245.0	CN	Methods and apparatus for controlling the flow of multiple signal sources over a single full duplex Ethernet link	Timothy M. Shanley; Robert W. Hamlin	1/28/2005
<input type="checkbox"/>	EP05712822.5	EP	Methods and apparatus for controlling the flow of multiple signal sources over a single full duplex Ethernet link	Timothy M. Shanley; Robert W. Hamlin	1/28/2005
7672315	11/210127	US	Methods and apparatus for deskewing VCAT/LCAS members	Dinesh Gupta; Dev Shankar Mukherjee; Rakesh Kumar Malik	8/23/2005
<input type="checkbox"/>	PCT/US2006/032430	WO	Methods and apparatus for deskewing VCAT/LCAS members	Dinesh Gupta; Dev Shankar Mukherjee; Rakesh Kumar Malik	8/21/2006
<input type="checkbox"/>	CN200680030559.2	CN	Methods and apparatus for deskewing VCAT/LCAS members	Dinesh Gupta; Dev Shankar Mukherjee; Rakesh Kumar Malik	8/21/2006
<input type="checkbox"/>	EP06801899.3	EP	Methods and apparatus for deskewing VCAT/LCAS members	Dinesh Gupta; Dev Shankar Mukherjee; Rakesh Kumar Malik	8/21/2006
7680943	10/691109	US	Methods and apparatus for implementing multiple types of network tunneling in a uniform manner	Alex Conta; Srihari Varada	10/20/2003

Patent No.	Appln No.	Country	Title	Inventors	Appln. Date
<input type="checkbox"/>	PCT/US2004/034621	WO	Methods and apparatus for implementing multiple types of network tunneling in a uniform manner	Alex Conta; Srihari Varada	10/20/2004