

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4554044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RONEN SOLOMON	01/28/2014
ORCKIT-CORRIGENT LTD.	04/25/2016
RECEIVING PARTY DATA	
Name:	ORCKIT IP, LLC
Street Address:	831 BEACON ST. #307
City:	NEWTON
State/Country:	MASSACHUSETTS
Postal Code:	02459
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15679179
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:	+972544444577
Email:	yehuda@maypatents.com
Correspondent Name:	MAY PATENTS LTD. C/O DORIT SHEM-TOV
Address Line 1:	P.O.B 7230
Address Line 4:	RAMAT-GAN, ISRAEL 5217102
ATTORNEY DOCKET NUMBER:	ORCKIT-014-US6
NAME OF SUBMITTER:	YEHUDA BINDER
SIGNATURE:	/Yehuda Binder/
DATE SIGNED:	08/17/2017
Total Attachments: 15	
source=assignment-pat-36407-500#page1.tif	
source=assignment-pat-36407-500#page2.tif	
source=assignment-pat-36407-500#page3.tif	
source=ORCKIT-IP-Assignment#page1.tif	
source=ORCKIT-IP-Assignment#page2.tif	

source=ORCKIT-IP-Assignment#page3.tif
source=ORCKIT-IP-Assignment#page4.tif
source=ORCKIT-IP-Assignment#page5.tif
source=ORCKIT-IP-Assignment#page6.tif
source=ORCKIT-IP-Assignment#page7.tif
source=ORCKIT-IP-Assignment#page8.tif
source=ORCKIT-IP-Assignment#page9.tif
source=ORCKIT-IP-Assignment#page10.tif
source=ORCKIT-IP-Assignment#page11.tif
source=ORCKIT-IP-Assignment#page12.tif

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3496597

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RONEN SOLOMON	01/28/2014
RECEIVING PARTY DATA		
Name:	ORCKIT-CORRIGENT LTD.	
Street Address:	126 YIGAL ALON ST.	
City:	TEL AVIV	
State/Country:	ISRAEL	
Postal Code:	67443	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14834480
CORRESPONDENCE DATA		
Fax Number:	(603)627-8121	
<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:	603-627-8134	
Email:	ipadm@SHEEHAN.COM	
Correspondent Name:	SHEEHAN PHINNEY BASS & GREEN, PA C/O PET	
Address Line 1:	1000 ELM STREET, 17TH FLOOR	
Address Line 4:	MANCHESTER, NEW HAMPSHIRE 03105-3701	
ATTORNEY DOCKET NUMBER:	40552-6176	
NAME OF SUBMITTER:	DEBRA A. STENGEL	
SIGNATURE:	/Debra A. Stengel/	
DATE SIGNED:	08/25/2015	
Total Attachments: 2		
source=S0616430#page1.tif		
source=S0616430#page2.tif		

ASSIGNMENT

Whereas I, Ronen Solomon, have invented certain new and useful improvements in:

Tunnel Provisioning with Link Aggregation

(hereinafter referred to as "Invention") described in a U.S. Patent Application, the specification of which was filed August 17, 2013 as U.S. Application No. 13/969,520.

And, whereas I desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefore to Orckit-Corrigent Ltd., an Israeli corporation, having its place of business at 126 Vigal Allon Street, Tel Aviv, Israel 67443 (hereinafter referred to as "Assignee"), and whereas Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of one dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Director of the United States Patent and Trademark Office to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent that may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

Executed this 28 day of January, in the year 2014

at

TEL AVIV, ISRAEL


Ronen Solomon

ASSIGNMENT AGREEMENT

This Assignment Agreement (the "**Agreement**") is made and entered into this 25 day of April 2016 (the "**Effective Date**"), by Orckit Communications Ltd., an Israeli limited liability company (under Creditors' Arrangement) and Orckit - Corrigent Ltd. And Corrigent Systems Ltd. ("**Orckit**"), having an address with Lior Dagan, Adv. (Trustec), 1 Azrieli Center (Round Building), 35th Floor, Tel-Aviv 67021, Israel (severally and jointly "**Assignor**") and Orckit IP, LLC, a Delaware limited liability company having an address at 874 Walker Road, Suite C, Dover, Delaware and a mailing address at 831 Beacon Street #307, Newton, MA, USA (02459) ("**Assignee**").

RECITALS

A. Assignor is the owner of (select as appropriate):

- ☒ the United States Patents set forth on Appendix A hereto (the "US Patents");
- ☒ the non-United States patents set forth on Appendix A hereto (the "Foreign Patents");
- ☒ the United States patent applications set forth on Appendix B hereto (the "US Patent Applications");
- ☒ the United States provisional patent applications set forth on Appendix B hereto (the "US Provisional Patent Applications"); and/or
- ☒ the foreign patent applications set forth on Appendix B hereto (the "Foreign Patent Applications");

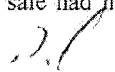
Which collectively shall be referred to herein as the "**Patents**".

B. Assignor and Assignee have agreed by way of a purchase agreement (the "Purchase Agreement") dated November 30, 2015, by and between Assignor and Assignee, the terms of which are incorporated herein by reference, that Assignor shall sell, transfer, and assign and set over unto Assignee and Assignee shall accept, all rights, title and interest in and to the Patents as specified in this Agreement. In the event of any conflict between the terms of this Patent Assignment Agreement and the referenced Purchase Agreement, the terms of the Purchase Agreement shall prevail.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, privilege, title and interest in, to and under the Patents and in the case of patent applications in and to any patents that may issue therefrom, including, in all instances, any counterparts of any of the foregoing in any jurisdiction throughout the world, and any and all divisions, continuations, reissues or reexaminations of any of the foregoing, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the inventions and the Patents under the laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, permitted assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made;



together with all claims for damages, royalties, income or other remuneration (hereinafter "Damages") by reason of past, present and future infringements of the Patents or other rights being assigned hereunder, along with the right to sue for and collect such Damages for the use and benefit of Assignee and its successors, permitted assigns and other legal representatives.

2. Insofar as this assignment concerns European patents and patent applications, Assignor does hereby declare that it is the owner of said Patents and that Assignor has assigned same, along with all rights and duties appurtenant thereto, to Assignee and agree that the assignment will be recorded in the register with the European Patent Office; and Assignee hereby declares that Assignee has agreed to the assignment of the aforementioned Patents to it and that Assignee will simultaneously apply for recording of the assignment in the register with the European Patent Office.

3. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, permitted assigns and other legal representatives in accordance with the terms of this instrument.

4. Assignor authorizes and empowers Assignee, its successors, permitted assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.

5. Assignor hereby acknowledges and agrees that all of the rights, title and interest in and to the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.

6. Assignor hereby consents that a copy of this Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

IN WITNESS WHEREOF, the Parties have executed this Assignment on the Effective Date written at

Assignor:

ליאור דגן, ע"ד
נאמן להסדר הנושים
לחברת אורקית תקשורת בע"מ
520042870 (הסדר נושים) ח.צ. By:

Orckit Communications Ltd. (Under Creditors' Arrangement),

Orckit - Corrigent Ltd. And Corrigent Systems Ltd.

Orckit Corrigent Ltd.
126 Yigal Alon st.
Tel-Aviv 67443, Israel
Tel: +972-3-6952727
Fax: +972-3-6953222

Name: Adv. Lior Dagan

Title: Trustee for the Creditors' Arrangement of Orckit Communications Ltd
(Under Creditors' Arrangement)

Assignee: Orckit IP, LLC

By:

Name: Mr. Yehuda Binder

Title: C.E.O and Owner

ORCKIT IP, LLC
DE LLC # 5886551
831 Beacon St. # 307
Newton, MA 02459-1840

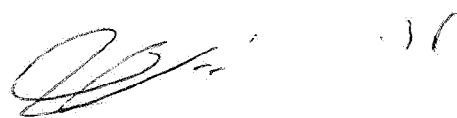
APPENDIX A
TO ASSIGNMENT AGREEMENT

TITLE	COUNTRY	FILED	SERIALNO	ISSUED	PATENT NO
AUTO-CONFIGURATION OF NETWORK INTERFACES IN A BIDIRECTIONAL RING NETWORK					
	UNITED STATES	16-Oct-01	09/978,642	06-Dec-05	6973049
AUTOMATED WEIGHT CALCULATION FOR PACKET NETWORKS					
	UNITED STATES	03-Jun-04	10/861,272	26-Aug-08	7418000
Automatic Implementation of Network Configuration Changes					
	UNITED STATES	11-Aug-00	09/637,300	17-May-05	6894983
AVOIDING OVERLAPPING SEGMENTS IN TRANSPARENT LAN SERVICES ON RING-BASED NETWORKS					
	UNITED STATES	25-Jan-02	10/057,332	24-Oct-06	7127523
	UNITED STATES	25-Jan-02	10/054,845	05-Dec-06	7145878
BANDWIDTH ALLOCATION FOR LINK AGGREGATION					
	UNITED STATES	13-May-03	10/436,516	26-Feb-08	7336605
BANDWIDTH SHARING METHOD					
	UNITED STATES	28-Feb-00	09/514,745	03-Feb-04	6687224
Bi-directional Chaining of Network Access Ports					
	UNITED STATES	27-Dec-99	09/472,683	20-Jan-04	6680904
COMMUNICATION IN A BIDIRECTIONAL RING NETWORK WITH SINGLE-DIRECTION RECEIVING					
	UNITED STATES	07-Jun-01	09/876,414	04-Oct-05	6952397
CONNECTIVITY FAULT MANAGEMENT (CFM) IN NETWORKS WITH LINK AGGREGATION GROUP CONNECTIONS					
	UNITED STATES	11-Jul-06	11/483,650	03-Aug-10	7768928



3.1

	JAPAN	11-Jun-07	2009519055	08-Mar-13	5213854
	SOUTH KOREA	11-Jun-07	2009-7001476	28-Jan-14	10-1360120
DIFFERENTIATED SERVICES WITH MULTIPLE TAGGING LEVELS					
	UNITED STATES	24-Apr-02	10/128,454	09-Oct-07	7280560
DYNAMIC PACKET FRAGMENTATION					
	UNITED STATES	08-Jan-01	09/756,554	10-May-05	6891855
EFFICIENT TRANSPORT OF TDM SERVICES OVER PACKET NETWORKS					
	UNITED STATES	24-Mar-03	10/396,008	07-Apr-09	7515605
	UNITED STATES	16-Mar-09	12/404,444	14-Jun-11	7961755
EQUIPMENT PROTECTION USING A PARTIAL STAR ARCHITECTURE					
	UNITED STATES	02-Aug-02	10/211,065	18-Apr-06	7032135
FAST FAILURE PROTECTION USING REDUNDANT NETWORK EDGE PORTS					
	UNITED STATES	07-Jan-02	10/036,518	12-Jul-05	6917986
FAST PROTECTION IN RING TOPOLOGIES					
	UNITED STATES	30-Aug-01	09/941,723	13-Jun-06	7061859
FAULT-TOLERANT MEDIUM ACCESS CONTROL (MAC) ADDRESS ASSIGNMENT IN NETWORK ELEMENTS					
	UNITED STATES	22-Sep-06	11/534,556	09-Feb-10	7660234
	EUROPEAN PATENT CONVENT	18-Sep-07	07805604.1	22-Jan-14	2069934
	UNITED KINGDOM	18-Sep-07	07805604.1	22-Jan-14	2069934
FLOW ALLOCATION IN A RING TOPOLOGY					
	UNITED STATES	09-Jan-01	09/756,946	25-Apr-06	7035279
FORWARDING MULTICAST TRAFFIC OVER LINK AGGREGATION PORTS					
	UNITED STATES	21-Dec-06	11/644,773	13-Apr-10	7697525
FRAME CONCATENATION WITH DROP PRECEDENCE ASSIGNMENT					
	UNITED STATES	08-Feb-07	11/704,615	13-Apr-10	7697532



	EUROPEAN PATENT CONVENT	11-Dec-07	07849561.1	09-Jul-14	2132905
	UNITED KINGDOM	11-Dec-07	07849561.1	09-Jul-14	2132905
	HONG KONG	11-Dec-07	10106007.6	23-Jan-15	HK113953 1
GENERIC FRAMEWORK FOR EMBEDDED SOFTWARE DEVELOPMENT					
	UNITED STATES	03-Dec-01	10/005,030	27-Jun-06	7069546
HASH-BASED MULTI- HOMING					
	UNITED STATES	16-Jul-07	11,778,286	01-Dec-09	7626930
HIDDEN FAILURE DETECTION					
	UNITED STATES	30-May-02	10,156,851	18-Oct-05	6957369
HIERARCHICAL VIRTUAL PRIVATE LAN SERVICE PROTECTION SCHEME					
	UNITED STATES	07-Jan-03	10,337,382	16-Oct-07	7283465
HIGH CAPACITY RING COMMUNICATION NETWORK					
	UNITED STATES	02-Mar-06	11/367,231	05-Oct-10	7808931
	UNITED STATES	04-Oct-10	12,897,341	30-Aug-11	8009684
HIGH-SPEED PROCESSING OF MULTICAST CONTENT REQUESTS					
	UNITED STATES	11-Feb-09	12/369,011	06-Sep-11	8014394
INTERCONNECT AND GATEWAY PROTECTION IN BIDIRECTIONAL RING NETWORKS					
	UNITED STATES	24-Jul-01	09/910,790	30-May-06	7054264
INTERFACE BETWEEN A SYNCHRONOUS NETWORK AND HIGH-SPEED ETHERNET					
	ISRAEL	11-Apr-07	194824	01-Jul-14	194824
LATENCY EVALUATION IN A RING NETWORK					
	UNITED STATES	04-Sep-01	09/947,183	26-Sep-06	7113485
LAYER-3 NETWORK ROUTING WITH RPR LAYER- 2 VISIBILITY					
	UNITED STATES	29-Mar-04	10/812,321	23-Jun-09	7551599

LINE DRIVER WITH OUTPUT IMPEDANCE SYNTHESIS					
	UNITED STATES	23-Dec-99	09/470,777	17-Apr-01	6218872
MAC ADDRESS LEARNING IN A DISTRIBUTED BRIDGE					
	UNITED STATES	19-May-06	11/419,444	22-Sep-09	7593400
	ISRAEL	17-May-07	195263	29-May-13	195263
	SOUTH KOREA	17-May-07	1020087030694	08-Oct-14	10-1451174
MAC ADDRESS SCALABILITY IN INTERCONNECTED RINGS					
	UNITED STATES	18-Jun-07	11,764,764	13-Apr-10	7697552
MANAGEMENT INTERFACE FOR A NETWORK ACCESS MULTIPLEXING SYSTEM					
	UNITED STATES	08-Nov-00	09/708,845	23-Nov-04	6822944
Method and Apparatus for Compensating for an Echo Signal Component in Telecommunication Systems					
	UNITED STATES	14-Dec-99	09/460,891	18-Oct-05	6956944
METHOD AND APPARATUS FOR FILTERING ASYMMETRIC DIGITAL SUBSCRIBER LINE (ADSL) SIGNALS					
	UNITED STATES	12-May-99	09/310,518	02-Nov-04	6813343
METHOD FOR SUPPORTING MPLS TRANSPORT PATH RECOVERY WITH MULTIPLE PROTECTION ENTITIES					
	UNITED STATES	05-Dec-11	13/311,128	09-Sep-14	8830821
MULTIPOINT TO MULTIPOINT COMMUNICATION OVER RING TOPOLOGIES					
	UNITED STATES	03-Sep-04	10,933,572	12-Feb-08	7330431
MULTIPROTOCOL MEDIA CONVERSION					
	UNITED STATES	13-Jun-03	10/461,807	10-Jun-08	7386010
NETWORK ACCESS MULTIPLEXER WITH PROTOCOL ADDRESS TRANSLATION					
	UNITED STATES	08-Nov-00	09/708,841	23-Nov-04	6822943



3 f

NETWORK INTERFACE AUTO-CONFIGURATION IN AN ACCESS MULTIPLEXING SYSTEM					
	UNITED STATES	01-Aug-00	09/629,664	04-May-04	6731607
PACKET FRAGMENTATION WITH NESTED INTERRUPTIONS					
	UNITED STATES	08-Jan-01	09/756,553	05-Apr-05	6876669
PERFORMANCE MONITORING OF HIGH SPEED COMMUNICATIONS NETWORKS					
	UNITED STATES	24-Apr-02	10/128,459	28-Nov-06	7142516
PERFORMANCE MONITORING OF MULTIPLE CHANNELS IN AN AUTOMATIC PROTECTION SWITCHED NETWORK					
	UNITED STATES	25-Feb-02	10/082,771	02-Jan-07	7158721
POINT-TO-MULTIPOINT FUNCTIONALITY IN A BRIDGED NETWORK					
	UNITED STATES	22-Aug-06	11/508,599	09-Feb-10	7660303
	JAPAN	19-Jun-07	2009525169	03-Aug-12	5053376
	SOUTH KOREA	19-Jun-07	10200970050 97	23-Jan-14	10-1357457
Prevention Of Frame Duplication In Interconnected Ring Networks					
	UNITED STATES	07-Mar-08	12/044,158	25-Jan-11	7876673
PROTECTING THE FILTERING DATABASE IN VIRTUAL BRIDGES					
	UNITED STATES	01-Feb-02	10/061,721	26-Dec-06	7154899
	UNITED STATES	09-Nov-06	11/595,635	10-Aug-10	7773508
Protection Against Master Unit Failure in Remote Network Access Multiplexing					
	UNITED STATES	11-Aug-00	09/637,757	21-Dec-04	6834038
RATE CONTROL IN TRANSMISSION OF PACKET DATA OVER AN ATM NETWORK					
	UNITED STATES	27-Nov-00	09/723,206	31-Aug-04	6785232
RESOURCE RESERVATION IN A RING NETWORK					
	UNITED STATES	26-Feb-01	09/794,898	08-Nov-05	6963537

34

RESOURCE SHARING AMONG NETWORK TUNNELS					
	UNITED STATES	15-Dec-05	11 305,486	09-Dec-08	7463580
RING NETWORK AGGREGATE RATES					
	UNITED STATES	05-Jan-09	12 348,361	29-Mar-11	7916636
RING NETWORK WITH VARIABLE RATE					
	UNITED STATES	12-Mar-03	10 387,657	02-Sep-08	7420922
ROUTE SELECTION WITH BANDWIDTH SHARING OPTIMIZATION OVER RINGS					
	UNITED STATES	24-Jan-06	11 339,148	29-Sep-09	7596088
	ISRAEL	03-Oct-06	192993	25-Jun-13	192993
SELECTIVE PROTECTION FOR RING TOPOLOGIES					
	UNITED STATES	03-Oct-01	09 969,839	10-May-05	6892329
	GERMANY	03-Mar-02	602 12 108,6	06-Jul-06	602 12 108,6
	EUROPEAN PATENT CONVENT	03-Mar-02	02701519.7		1378096
	SPAIN	03-Mar-02	02701519.7	07-Jun-06	2 266 445
	FRANCE	03-Mar-02	02701519.7	07-Jun-06	1378096
	UNITED KINGDOM	03-Mar-02	02701519.7	07-Jun-06	1378096
	ISRAEL	03-Mar-02	158008	05-Dec-09	158008
	ITALY	03-Mar-02	02701519.7	07-Jun-06	1378096
	JAPAN	03-Mar-02	2002577349	08-Aug-08	4167072
SIGNALING MPLS OVER RPR RINGS					
	UNITED STATES	20-Feb-03	10 369,953	27-Jan-09	7483399
SONET CIRCUIT EMULATION WITH VT COMPRESSION					
	UNITED STATES	17-Oct-01	09 978,342	07-Nov-06	7133415
Splitterless Ethernet DSL on Subscriber Loops					
	UNITED STATES	01-Jul-99	09 346,416	19-Nov-02	6483903
SYNCHRONIZED RING SOFTWARE DOWNLOAD					
	UNITED STATES	27-Sep-04	10 951,575	13-Jan-09	7478382
TRAFFIC ENGINEERING IN BI-DIRECTIONAL RING NETWORKS					
	UNITED STATES	02-Aug-02	10 211,066	16-Oct-07	7283478

24

TRANSPARENT TRANSPORT OF FIBRE CHANNEL TRAFFIC OVER PACKET-SWITCHED NETWORKS					
	UNITED STATES	29-Jun-06	11/479,595	07-Apr-09	7515536
Tunnel provisioning with link aggregation					
	UNITED STATES	06-May-05	11/123,801	05-Jul-11	7974202
	UNITED STATES	26-May-11	13/116,696	17-Sep-13	8537682
	UNITED STATES	31-May-11	13/149,196	23-Apr-13	8427953
	UNITED STATES	17-Aug-13	13/969,520	25-Aug-15	9118602
TWO-WAY LINK AGGREGATION					
	UNITED STATES	07-Apr-06	11/279,045	09-Jun-09	7545740
	ISRAEL	27-Mar-07		31-Jul-2015	194652
VIRTUAL PRIVATE LAN SERVICE OVER RING NETWORKS					
	UNITED STATES	19-Nov-04	10/993,882	05-Jul-11	7974223
VIRTUAL PRIVATE LAN SERVICE USING A MULTICAST PROTOCOL					
	UNITED STATES	23-Aug-02	10/226,525	04-Mar-08	7339929
VPLS failure protection in ring networks					
	UNITED STATES	18-Jan-06	11/335,770	19-Jul-11	7983150
	GERMANY	18-Jan-07	0770619.2	24-Jul-13	6.02007E+11 -
	EUROPEAN PATENT CONVENT	18-Jan-07	07706019.2	24-Jul-13	1974485
	FRANCE	18-Jan-07	07706019.2	24-Jul-13	1974485
	UNITED KINGDOM	18-Jan-07	07706019.2	24-Jul-13	1974485
VPLS REMOTE FAILURE INDICATION					
	GERMANY	07-Nov-06	06809843.3	09-Oct-13	602006038796.2
	EUROPEAN PATENT CONVENT	07-Nov-06	06809843.3	09-Oct-13	1958364
	FRANCE	07-Nov-06	06809843.3	09-Oct-13	1958364
	UNITED KINGDOM	07-Nov-06	06809843.3	09-Oct-13	1958364
	ISRAEL	07-Nov-06	191454	01-Feb-14	191454
	UNITED STATES	07-Nov-06	12/093,824	12-Jun-12	8199637
METHOD FOR SUPPORTING SNCP OVER PACKET					

31

NETWORK					
	UNITED STATES	15-Apr-11	13/087,438	13-Oct-15	9160446
Device, Method and System for Media Packet Distribution					
	UNITED STATES	02-Dec-10	12/738,080	10-Nov-15	9185151



34

APPENDIX B

TO ASSIGNMENT AGREEMENT

TITLE	COUNTRY	FILED	SERIALNO
CONNECTIVITY FAULT MANAGEMENT (CFM) IN NETWORKS WITH LINK AGGREGATION GROUP CONNECTIONS			
	EUROPEAN PATENT CONVENT	11-Jun-07	07736442
	ISRAEL	11-Jun-07	196401
Device, Method and System for Media Packet Distribution			
	INDIA	22-Oct-08	836/MUMNP/2010
Edge optimized transrating system			
	UNITED STATES	02-Dec-09	12/629,310
FORWARDING MULTICAST TRAFFIC OVER LINK AGGREGATION PORTS			
	EUROPEAN PATENT CONVENT	09-Dec-07	07827481.8
HASH-BASED MULTI-HOMING			
	EUROPEAN PATENT CONVENT	12-Nov-07	07827358.8
METHOD FOR SUPPORTING MPLS TRANSPORT ENTITY RECOVERY WITH MULTIPLE PROTECTION ENTITIES			
	UNITED KINGDOM	22-Jun-12	1400156.4
METHOD FOR SUPPORTING SNCP OVER PACKET NETWORK			
	EUROPEAN PATENT CONVENT	13-Apr-12	12772045.6
	UNITED STATES	8-Oct-15	14/878,405
POINT-TO-MULTIPOINT FUNCTIONALITY IN A BRIDGED			




NETWORK			
	EUROPEAN PATENT CONVENT	19-Jun-07	07736484.2
	HONG KONG	19-Jun-07	09110631.5
RESOURCE SHARING AMONG NETWORK TUNNELS			
	ISRAEL	14-Dec-06	192192
ROUTE SELECTION WITH BANDWIDTH SHARING OPTIMIZATION OVER RINGS			
	EUROPEAN PATENT CONVENT	03-Oct-06	06796145.8
TRANSPARENT TRANSPORT OF FIBRE CHANNEL TRAFFIC OVER PACKET- SWITCHED NETWORKS			
	EUROPEAN PATENT CONVENT	09-Jul-06	06756247
A METHOD AND SYSTEM FOR DEEP PACKET INSPECTION IN SOFTWARE DEFINED NETWORKS	US	21-April-15	PCT/US15/26869
Tunnel provisioning with link aggregation	US	25-Aug-15	14/834,480



3.1