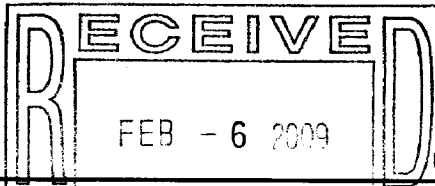


02-10-2009



U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

1/2008)

**RECORDATION FORM COVER SHEET
TRADEMARKS ONLY**

103547582

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

TEKNOVUS, INC.

- Individual(s)
- General Partnership
- Corporation- State: California
- Other _____
- Association
- Limited Partnership

Citizenship (see guidelines) _____

Additional names of conveying parties attached? Yes No

3. Nature of conveyance)/Execution Date(s) :

Execution Date(s) 11/21/08

- Assignment
- Security Agreement
- Other _____
- Merger
- Change of Name

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: Venture Lending & Leasing V. Inc.

Internal Address: _____

Address: _____

Street Address: 2010 North First Street

City: San Jose

State: CA

Country: US Zip: 95131

- Association
- General Partnership
- Limited Partnership
- Corporation
- Other _____

Citizenship _____
If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s)
77/228,566; 77/565,704; 77/565,700

B. Trademark Registration No.(s)
3,191,573; 2,918,779

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Jeffrey T. Klugman

Internal Address: _____

Street Address: 4 Embarcadero Center, Suite 4000

City: San Francisco

State: CA Zip: 94111

Phone Number: 415-981-1400

Fax Number: 415-777-4961

Email Address: _____

6. Total number of applications and registrations involved:

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ 140.00

- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

02/09/2009 DBYRNE
Deposit Account Number 80000069 77228566
FC: 8521
Authorized User 103547582

40.00 OP
100.00 OP

9. Signature:

Signature

2/5/09

Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made as of November 21, 2008, by and between TEKNOVUS, INC., a California corporation ("Grantor"), and VENTURE LENDING & LEASING IV, INC., a Maryland corporation ("Secured Party").

RECITALS

A. Pursuant to Amendment No. 1 to Loan Documents of even date herewith between Grantor and Secured Party (the "Amendment"), Grantor has agreed to amend the definition of "Collateral" in that certain Loan and Security Agreement, dated as of April 28, 2006, between Grantor and Secured Party (as amended, restated or supplemented from time to time, including by the Amendment, the "Loan Agreement") to include Grantor's Intellectual Property in consideration of Secured Party's consenting under the Loan Agreement to Grantor's entrance into a Loan and Security Agreement of even date herewith among Grantor, Venture Lending & Leasing V, Inc. and Silicon Valley Bank (the "Syndicate Agreement"). All capitalized terms used herein without definition shall have the meanings ascribed to them in the Loan Agreement.

B. Secured Party is willing to allow Grantor to enter into the Syndicate Agreement, but only upon the condition, among others, that Grantor shall grant to Secured Party a security interest in substantially all of Grantor's personal property whether presently existing or hereafter acquired, including Grantor's Intellectual Property. To that end, Grantor has executed Amendment No. 1 in favor of Secured Party granting a security interest in all Collateral, as such term is amended thereby, and is executing this Agreement with respect to certain items of Intellectual Property, in particular.

NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Grantor's present or future Obligations, Grantor hereby grants to Secured Party a security interest and mortgage to Secured Party, as security, in and to Grantor's entire right, title and interest in, to and under the following Intellectual Property, now owned or hereafter acquired by Grantor or in which Grantor now holds or hereafter acquires any interest (all of which shall collectively be called the "Collateral" for purposes of this Agreement):

(a) Any and all copyrights, whether registered or unregistered, held pursuant to the laws of the United States, any State thereof or of any other country; all registrations, applications and recordings in the United States Copyright Office or in any similar office or agency of the United States, and State thereof or any other country; all continuations, renewals, or extensions thereof; and any registrations to be issued under any pending applications, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) All letters patent of, or rights corresponding thereto, in the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of, or rights corresponding thereto, in the United States or any other country, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country; all reissues, continuations, continuations-in-part or extensions thereof; all petty patents, divisionals, and patents of addition; and all patents to be issued under any such applications, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(c) All trademarks, trade names, corporate names, business names, trade styles, service marks, logos, other source or business identifiers, prints and labels on which any of the foregoing have appeared or appear, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and any applications in connection therewith, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country or any political subdivision thereof, and reissues, extensions or renewals thereof, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(d) Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(e) All licenses or other rights to use any of the Copyrights, Patents or Trademarks, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(f) All amendments, renewals and extensions of any of the Copyrights, Trademarks or Patents; and

(g) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Notwithstanding the foregoing, the term "Collateral" as used in this Agreement shall not include any contracts, property rights or licenses to the extent that the grant of a security interest therein, or an assignment thereof, would be contrary to applicable law or any contracts, property rights or licenses that are excluded from the definition of Collateral as defined in the Loan Agreement.

2. Covenants and Warranties. Grantor represents, warrants, covenants and agrees as follows:

(a) Grantor is now the sole owner of the Collateral, except for Permitted Liens and exclusive or non-exclusive licenses or sublicenses granted by Grantor in the ordinary course of business consistent with industry practice;

(b) During the term of this Agreement, Grantor will not transfer or otherwise encumber any interest in the Collateral, except for Permitted Liens and licenses or sublicenses granted by Grantor in the ordinary course of business consistent with industry practice or as otherwise permitted in the Loan Agreement;

(c) To its knowledge, each of the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;

(d) Grantor shall deliver to Secured Party within thirty (30) days of the last day of each fiscal quarter in which there is a change or update to the reported contents from the previous fiscal quarter, a report signed by Grantor, in form reasonably acceptable to Secured Party, listing any applications or registrations that Grantor has made or filed in respect of any patents, copyrights or trademarks and the status of any outstanding applications or registrations. Grantor shall promptly advise Secured Party of any material change in the composition of the Collateral, including but not limited to any subsequent ownership right of the Grantor in or to any Trademark, Patent or Copyright not specified in this Agreement;

(e) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the

validity and enforceability of the Trademarks, Patents and Copyrights, (ii) detect infringements of the Trademarks, Patents and Copyrights and promptly advise Secured Party in writing of material infringements detected, and (iii) not allow any material Trademarks, Patents or Copyrights to be abandoned, forfeited or dedicated to the public without the written consent of Secured Party, which consent shall not be unreasonably withheld; and

(f) Grantor shall not enter into any agreement that would materially impair or conflict with Grantor's obligations hereunder without Secured Party's prior written consent, which consent shall not be unreasonably withheld. Grantor shall not permit the inclusion in any material contract to which it becomes a party of any provisions that could or might in any way prevent the creation of a security interest in Grantor's rights and interests in any property included within the definition of the Collateral acquired under such contracts.

3. Further Assurances; Attorney in Fact.

(a) On a continuing basis, Grantor will, subject to any prior licenses, encumbrances, restrictions and Permitted Liens, make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office and the Register of Copyrights, and take all such action as may reasonably be deemed necessary or advisable, or as reasonably requested by Secured Party, to perfect Secured Party's security interest in all Copyrights, Patents and Trademarks and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to Secured Party the grant or perfection of a security interest in all Collateral.

(b) Grantor hereby irrevocably appoints Secured Party as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, from time to time in Secured Party's discretion, to take any action and to execute any instrument which Secured Party deems necessary or advisable solely (i) to modify Exhibits A, B and C, hereof, as appropriate, of this Agreement without first obtaining Grantor's approval of or signature to such modification to include reference to any right, title or interest in any Copyrights, Patents or Trademarks acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Copyrights, Patents or Trademarks in which Grantor no longer has or claims any right, title or interest, (ii) to file, in its sole discretion, one or more financing or continuation statements and amendments thereto, relative to any of the Collateral without the signature of Grantor where permitted by law, and (iii) only after the occurrence and during the continuance of an Event of Default, to transfer the Collateral into the name of Secured Party or a third party to the extent permitted under the California Uniform Commercial Code.

(c) Secured Party agrees that its Lien on the Collateral (as such term is defined herein) shall terminate on the terms and conditions set forth in the Loan Agreement and that it shall execute and deliver, at Grantor's sole cost and expense, all documents and instruments provided for in the Loan Agreement with respect to such termination.

4. Events of Default. The occurrence of any of the following shall constitute an Event of Default under this Agreement:

(a) An Event of Default under the Loan Agreement; or

(b) Grantor breaches any warranty or agreement made by Grantor in this Agreement and, as to any breach that is capable of cure, Grantor fails to cure such breach within thirty (30) days of the sooner to occur of Grantor's receipt of notice of such breach from Secured Party or the date on which such breach first becomes known to Grantor.

5. Amendments. This Agreement may be amended only by a written instrument signed by both parties hereto, except for amendments to Exhibits A, B, and C as permitted under Section 3 hereof to be made by Secured Party alone.

6. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

[Remainder of this page intentionally left blank; signature page follows]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

GRANTOR:

Address of Grantor:

TEKNOVUS, INC.

1351 Redwood Way
Petaluma, CA 94954
Attn: Haley Lewis

By: 

Name: Greg Caltabiano

Its: President & CEO

SECURED PARTY:

Address of Secured Party:

VENTURE LENDING & LEASING IV, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

By: _____

Name: _____

Its: _____

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and year first above written.

GRANTOR:

Address of Grantor:

TEKNOVUS, INC.

1351 Redwood Way
Petaluma, CA 94954
Attn: _____

By: _____

Name: _____

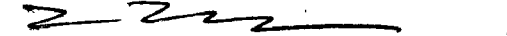
Its: _____

SECURED PARTY:

Address of Secured Party:

VENTURE LENDING & LEASING IV, INC.

2010 North First Street, Suite 310
San Jose, CA 95131
Attn: Chief Financial Officer

By:  _____

Name: Maurice C. Werdegar

Its: President

EXHIBIT A

Copyrights

None.

46109/0158
JLS/352965.1

TRADEMARK
REEL: 003934 FRAME: 0759

EXHIBIT B

Patents

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK03-1002	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Issued Filed: 9/15/2003 App. #: 10/663,608	Issued: 4/22/2008 Pat. #: 7,362,704 Expires: 5/10/2026	Title: METHOD AND APPARATUS FOR DYNAMICALLY ALLOCATING UPSTREAM BANDWIDTH IN PASSIVE OPTICAL NETWORKS	1
TEK03-1002CON	US Patent	US	TEK03-1002	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/18/2008 App. #: 12/105,536		Title: METHOD AND APPARATUS FOR DYNAMICALLY ALLOCATING UPSTREAM BANDWIDTH IN PASSIVE OPTICAL NETWORKS	2
TEK03-1003	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Issued Filed: 11/6/2003 App. #: 10/703,359	Issued: 10/30/2007 Pat. #: 7,289,501 Expires: 4/26/2026	Title: METHOD AND APPARATUS FOR BANDWIDTH-EFFICIENT MULTICAST IN ETHERNET PASSIVE OPTICAL NETWORKS	3
TEK03-1003_CHIN A	Foreign Patent	China	TEK03-1003	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/28/2006 App. #: 200480028796.6		Title: METHOD AND APPARATUS FOR BANDWIDTH-EFFICIENT MULTICAST IN ETHERNET PASSIVE OPTICAL NETWORKS	4
TEK03-1003_JAPAN N	Foreign Patent	Japan	TEK03-1003	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/3/2006 App. #: 2006-537993		Title: METHOD AND APPARATUS FOR BANDWIDTH-EFFICIENT MULTICAST IN ETHERNET PASSIVE OPTICAL NETWORKS	5

46109/0158
JLS/352965.1

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK03-1003-1003 1003_REPU BLIC_OF_K OREA	Foreign Patent	Republic of Korea	TEK03-1003	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/28/2006 App. #: 10- 2006-7008218		Title: METHOD AND APPARATUS FOR BANDWIDTH-EFFICIENT MULTICAST IN ETHERNET PASSIVE OPTICAL NETWORKS	6
TEK03-1003- PCT	PCT	PCT	TEK03-1003	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/9/2004 App. #: PCT/US2004/03 1001		Title: METHOD AND APPARATUS FOR BANDWIDTH-EFFICIENT MULTICAST IN ETHERNET PASSIVE OPTICAL NETWORKS	7
TEK03-1004	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 3/30/2004 App. #: 10/814,929		Title: METHOD AND APPARATUS FOR SWITCHING PACKETS OM A PASSIVE OPTICAL NETWORK	8
TEK03-1005	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Issued Filed: 3/18/2004 App. #: 10/805,088	Issued: 1/22/2008 Pat. #: 7,321,597 Expires: 7/7/2026	Title: METHOD AND APPARATUS FOR REMOTE NETWORK MANAGEMENT OVER ETHERNET CONNECTIONS	9
TEK03-1005- PCT	PCT	PCT	TEK03-1005	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/19/2005 App. #: PCT/US05/0308 7		Title: Method and Apparatus for Remote Network Management over Ethernet Connections	10
TEK03-1006	US Patent	US	TEK03-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Issued Filed: 1/16/2004 App. #: 10/758,895	Issued: 6/3/2008 Pat. #: 7,382,739 Expires: 12/6/2026	Title: METHOD AND APPARATUS FOR DISCOVERING REMOTE NODES IN AN ETHERNET PASSIVE OPTICAL NETWORK	11

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK03-1006PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 1/23/2003 App. #: 60/440,963		Title: METHOD FOR DISCOVERY WINDOW ALLOCATION IN ETHERNET PASSIVE OPTICAL NETWORKS	12
TEK03-1007	US Patent	US	TEK03-1007PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/7/2004 App. #: 10/820,663		Title: METHOD AND APPARATUS FOR REDUCING DATA BURST OVERHEAD IN AN ETHERNET PASSIVE OPTICAL NETWORK	13
TEK03-1007_CHIN_A	Foreign Patent	China	TEK03-1007PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 8/4/2004 App. #: 200480018175. X		Title: Method and Apparatus for Reducing Data Burst Overhead in an Ethernet Passive Optical Network	14
TEK03-1007_JAPAN	Foreign Patent	Japan	TEK03-1007PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/12/2006 App. #: 2006-523880		Title: Method and Apparatus for Reducing Data Burst Overhead in an Ethernet Passive Optical Network	15
TEK03-1007_REPUBLIC_OF_KOREA	Foreign Patent	Republic of Korea	TEK03-1007PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 2/16/2006 App. #: 10-200-7003186		Title: Method and Apparatus for Reducing Data Burst Overhead in an Ethernet Passive Optical Network	16
TEK03-1007CON	US Patent	US	TEK03-1007	Teknovus, Inc.(TEK) No Client Case No.	New		Title: No Title	17
TEK03-1007-PCT	PCT	PCT	TEK03-1007PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 8/4/2004 App. #: PCT/US2004/025311		Title: Method and Apparatus for Reducing Data Burst Overhead in an Ethernet Passive Optical Network	18

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK03-1007PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 8/18/2003 App. #: 60/495,649		Title: METHOD FOR TIMESLOT ALLOCATION TO REDUCE GUARD BAND OVERHEAD IN ETHERNET PASSIVE OPTICAL NETWORKS	19
TEK04-1001	US Patent	US	TEK04-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 5/21/2004 App. #: 10/850,738		Title: METHOD AND APPARATUS FOR REGISTERING MULTIPLE REMOTE NODES IN AN ETHERNET PASSIVE OPTICAL NETWORK	20
TEK04-1001_CHIN_A	Foreign Patent	China	TEK04-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/27/2006 App. #: 200480018623.6		Title: METHOD AND APPARATUS FOR REGISTERING MULTIPLE REMOTE NODES IN AN ETHERNET PASSIVE OPTICAL NETWORK	21
TEK04-1001_JAPAN	Foreign Patent	Japan	TEK04-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/12/2006 App. #: 2006-524752		Title: METHOD AND APPARATUS FOR REGISTERING MULTIPLE REMOTE NODES IN AN ETHERNET PASSIVE OPTICAL NETWORK	22
TEK04-1001_REPUBLIC_OF_KOREA	Foreign Patent	Republic of Korea	TEK04-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 2/22/2006 App. #: 10-2006-7003603		Title: METHOD AND APPARATUS FOR REGISTERING MULTIPLE REMOTE NODES IN AN ETHERNET PASSIVE OPTICAL NETWORK	23
TEK04-1001-PCT	PCT	PCT	TEK04-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 8/19/2004 App. #: PCT/US2004/027093		Title: Method and Apparatus for Registering Multiple Remote Nodes in an Ethernet Passive Optical Network	24

TEK04-1001PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 8/26/2003 App. #: 60/497,679		Title: Method and Procedure for Registering Multiple Virtual Optical Network Terminals Located in One Physical Optical Network Terminal	25
TEK04-1002	US Patent	US	TEK04-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Issued: Filed: 8/30/2004 App. #: 10/930,336 Pat. #: 7,436,765 Expires: 7/28/2026		Title: METHOD AND APPARATUS FOR DYNAMICALLY ALLOCATING UPSTREAM BANDWIDTH IN PASSIVE OPTICAL NETWORKS	26
TEK04-1002-PCT	PCT	PCT	TEK04-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/1/2004 App. #: PCT/US2004/02 8500		Title: METHOD AND APPARATUS FOR DYNAMICALLY ALLOCATING UPSTREAM BANDWIDTH IN PASSIVE OPTICAL NETWORKS	27
TEK04-1002PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 9/3/2003 App. #: 60/499,465		Title: METHOD AND APPARATUS FOR SOFTWARE-CONTROLLED DYNAMIC BANDWIDTH ALLOCATION IN EPON	28
TEK04-1003	US Patent	US	TEK04-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Issued: Filed: 6/12/2004 App. #: 10/866,399 Pat. #: 7,152,199 Expires: 2/13/2025		Title: METHOD AND APPARATUS FOR DELINEATING DATA IN AN FEC-CODED ETHERNET FRAME	29
TEK04-1003_CHIN_A	Foreign Patent	China	TEK04-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 5/18/2007 App. #: 200580016821.3		Title: METHOD AND APPARATUS FOR DELINEATING DATA IN AN FEC-CODED ETHERNET FRAME	30

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK04-1003_JAPAN	Foreign Patent	Japan	TEK04-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/31/2006 App. #: 2007-515182		Title: METHOD AND APPARATUS FOR DELINEATING DATA IN AN FEC-CODED ETHERNET FRAME	31
TEK04-1003_PCT	PCT	PCT	TEK04-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 5/18/2005 App. #: PCT/US05/1747 6		Title: Method and Apparatus for Delineating Data in an FEC-Coded Ethernet Frame	32
TEK04-1003_REPU BLIC_OF_K OREA	Foreign Patent	Republic of Korea	TEK04-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 11/6/2006 App. #: 10-2006-7023217		Title: METHOD AND APPARATUS FOR DELINEATING DATA IN AN FEC-CODED ETHERNET FRAME	33
TEK04-1003PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 6/2/2004 App. #: 60/576,751		Title: Method and Apparatus for Delineating Date in an FEC-Coded Ethernet Frame	34
TEK04-1004	US Patent	US	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Issued Filed: 8/23/2004 App. #: 10/925,175	Issued: 11/22/2005 Pat. #: 6,967,949 Expires: 8/23/2024	Title: METHOD AND APPARATUS FOR FORWARDING PACKETS IN AN ETHERNET PASSIVE OPTICAL NETWORK	35
TEK04-1004_CHINA A	Foreign Patent	China	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 2/10/2006 App. #: 200480020133. X		Title: METHOD AND APPARATUS FOR FORWARDING PACKETS IN AN ETHERNET PASSIVE OPTICAL NETWORK	36
TEK04-1004_JAPAN N	Foreign Patent	Japan	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/20/2006 App. #: 2006-526190		Title: METHOD AND APPARATUS FOR FORWARDING PACKETS IN AN ETHERNET PASSIVE OPTICAL NETWORK	37

46109/0158
JLS/352965.1

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK04-1004-1004_REPU BLIC_OF_K OREA	Foreign Patent	Republic of Korea	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 2/27/2006 App. #: 10-2006-7003935		Title: METHOD AND APPARATUS FOR FORWARDING PACKETS IN AN ETHERNET PASSIVE OPTICAL NETWORK	38
TEK04-1004-1004PSP	PCT	PCT	TEK04-1004PSP2	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/2/2004 App. #: PCT/US2004/028718		Title: METHOD AND APPARATUS FOR FORWARDING PACKETS IN AN ETHERNET PASSIVE OPTICAL NETWORK	39
TEK04-1004PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 9/15/2003 App. #: 60/502,412		Title: METHOD FOR VLAN TRANSLATION IN ETHERNET POINT-TO-MULTIPOINT NETWORK	40
TEK04-1004PSP1	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 4/28/2004 App. #: 60/566,517		Title: METHOD FOR VLAN MAPPING TO SUPPORT TRIPLE-PLAY SERVICES IN ETHERNET PASSIVE OPTICAL NETWORKS	41
TEK04-1004PSP2	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 5/13/2004 App. #: 60/570,928		Title: METHOD FOR SERVICE DIFFERENTIATION IN EPON USING ONU-BASED DATA CLASSIFICATION	42
TEK04-1005-1005PSP	US Patent	US	TEK04-1005PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 8/12/2004 App. #: 10/918,668		Title: METHOD AND APPARATUS FOR MULTIPLEXING ETHERNET CHANNELS	43
TEK04-1005-1005PSP	PCT	PCT	TEK04-1005PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 8/12/2004 App. #: PCT/US2004/026563		Title: METHOD AND APPARATUS FOR MULTIPLEXING ETHERNET CHANNELS	44

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK04-1005PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 8/12/2003 App. #: 60/494,106		Title: METHOD AND APPARATUS FOR MULTIPLEXING MULTIPLE ETHERNET CHANNELS INTO A SINGLE ETHERNET LINK	45
TEK04-1005PSP2	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 8/12/2004 App. #: 60/494,107		Title: METHOD FOR EMBEDDING MARKING INFORMATION TO ENABLE MULTIPLEXING MULTIPLE ETHERNET CHANNELS INTO A SINGLE ETHERNET LINK	46
TEK04-1006	US Patent	US	TEK04-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/14/2004 App. #: 10/941,356		Title: METHOD AND APPARATUS FOR TRANSMISSION CONTROL IN AN ETHERNET PASSIVE OPTICAL NETWORK	47
TEK04-1006_CHIN_A	Foreign Patent	China	TEK04-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 2/17/2006 App. #: 200480020134.4		Title: METHOD AND APPARATUS FOR TRANSMISSION CONTROL IN AN ETHERNET PASSIVE OPTICAL NETWORK	48
TEK04-1006_JAPAN_N	Foreign Patent	Japan	TEK04-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/18/2006 App. #: 2006-526432		Title: METHOD AND APPARATUS FOR TRANSMISSION CONTROL IN AN ETHERNET PASSIVE OPTICAL NETWORK	49
TEK04-1006_REPU_BLIC_OF_KOREA	Foreign Patent	Republic of Korea	TEK04-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 2/16/2006 App. #: 10-2006-7003189		Title: METHOD AND APPARATUS FOR TRANSMISSION CONTROL IN AN ETHERNET PASSIVE OPTICAL NETWORK	50

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TEK04-1006- PCT	PCT	PCT	TEK04- 1006PSP1	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/14/2004 App. #: PCT/US2004/03 0365		Title: METHOD AND APPARATUS FOR TRANSMISSION CONTROL IN AN ETHERNET PASSIVE OPTICAL NETWORK	51
TEK04- 1006PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 9/15/2003 App. #: 60/502,856		Title: METHOD FOR LASER CONTROL IN ETHERNET PASSIVE OPTICAL NETWORKS	52
TEK04- 1006PSP1	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 9/23/2003 App. #: 60/504,936		Title: METHOD AND APPARATUS FOR TRANSMISSION CONTROL IN ETHERNET PASSIVE OPTICAL NETWORKS	53
TEK05-1001 PCT	US Patent	US	TEK05- 1001PSP1	Teknovus, Inc.(TEK) No Client Case No.	Issued Filed: 3/10/2005 App. #: 11/078,923	Issued: 3/25/2008 Pat. #: 7,349,537 Expires: 6/10/2025	Title: METHOD FOR DATA ENCRYPTION IN AN ETHERNET PASSIVE OPTICAL NETWORK	54
TEK05-1001- PCT	PCT	PCT	TEK05-1001	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 3/10/2005 App. #: PCT/US05/0081 50		Title: METHOD FOR DATA ENCRYPTION IN AN ETHERNET PASSIVE OPTICAL NETWORK	55
TEK05- 1001PSP	US Patent	US	TEK05- 1001PSP1	Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 6/14/2004 App. #: 60/579,449		Title: METHOD FOR DATA ENCRYPTION IN ETHERNET PASSIVE OPTICAL NETWORK	56
TEK05- 1001PSP1	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 3/11/2004 App. #: 60/552,152		Title: METHOD FOR DATA ENCRYPTION IN ETHERNET PASSIVE OPTICAL NETWORK	57

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK05-1001PSP2	US Patent	US	TEK05-1001PSP1	Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 4/27/2004 App. #: 60/565,882		Title: METHOD FOR DATA ENCRYPTION IN ETHERNET PASSIVE OPTICAL NETWORK	58
TEK05-1002	US Patent	US	TEK05-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Issued Filed: 4/26/2005 App. #: 11/115,753	Issued: 10/28/2008 Pat. #: 7,443,850 Expires: 11/11/2026	Title: METHOD FOR L3-AWARE SWITCHING IN ETHERNET PASSIVE OPTICAL NETWORKS	59
TEK05-1002_CHIN_A	Foreign Patent	China	TEK05-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending		Title: METHOD FOR L3-AWARE SWITCHING IN ETHERNET PASSIVE OPTICAL NETWORKS	60
TEK05-1002_JAPAN	Foreign Patent	Japan	TEK05-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending		Title: METHOD FOR L3-AWARE SWITCHING IN ETHERNET PASSIVE OPTICAL NETWORKS	61
TEK05-1002_PCT	PCT	PCT	TEK05-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/28/2005 App. #: PCT/US2005/014366		Title: METHOD FOR L3-AWARE SWITCHING IN ETHERNET PASSIVE OPTICAL NETWORKS	62
TEK05-1002_REPU_BLIC_OF_KOREA	Foreign Patent	Republic of Korea	TEK05-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/26/2006 App. #: 10-2006-7019875		Title: METHOD FOR L3-AWARE SWITCHING IN ETHERNET PASSIVE OPTICAL NETWORKS	63
TEK05-1002PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 4/28/2004 App. #: 60/566,537		Title: METHOD FOR L3-AWARE SWITCHING IN ETHERNET PASSIVE OPTICAL NETWORKS	64

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK05-1003	US Patent	US	TEK05-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 6/28/2006 App. #: 11/478,492		Title: METHOD AND SYSTEM FOR ACCOMMODATING DIFFERENT CLOCK FREQUENCIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	65
TEK05-1003_CHIN_A	Foreign Patent	China	TEK05-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 12/28/2007 App. #: 200680023651.6		Title: METHOD AND SYSTEM FOR ACCOMMODATING DIFFERENT CLOCK FREQUENCIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	66
TEK05-1003_JAPAN_N	Foreign Patent	Japan	TEK05-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/25/2008 App. #: 2008-519537		Title: METHOD AND SYSTEM FOR ACCOMMODATING DIFFERENT CLOCK FREQUENCIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	67
TEK05-1003_REPUBLIC_OF_KOREA_N	Foreign Patent	Republic of Korea	TEK05-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 11/29/2007 App. #: 2007-7027800		Title: METHOD AND SYSTEM FOR ACCOMMODATING DIFFERENT CLOCK FREQUENCIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	68
TEK05-1003PC_PCT	PCT	PCT	TEK05-1003PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 6/27/2006 App. #: PCT/US06/025263		Title: METHOD FOR ACCOMMODATING DIFFERENT CLOCK FREQUENCIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	69
TEK05-1003PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 6/29/2005 App. #: 60/695,795		Title: METHOD FOR ACCOMMODATING DIFFERENT CLOCK FREQUENCIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	70

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TEK05-1004	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Abandoned Filed: 5/16/2005 App. #: 11/130,731	Abandoned 7/11/2008	Title: METHOD AND APPARATUS FOR ACCOMMODATING MULTIPLE OPTICAL SEGMENTS IN AN ETHERNET PASSIVE OPTICAL NETWORK Notes: File in Japan, Korea, China and Taiwan	71
TEK05-1004_CHIN A	Foreign Patent	China	TEK05-1004	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/30/2007 App. #: 200680014426.6		Title: METHOD AND APPARATUS FOR ACCOMMODATING MULTIPLE OPTICAL SEGMENTS IN AN ETHERNET PASSIVE OPTICAL NETWORK	72
TEK05-1004_JAPA N	Foreign Patent	Japan	TEK05-1004	Teknovus, Inc.(TEK) No Client Case No.	Pending		Title: METHOD AND APPARATUS FOR ACCOMMODATING MULTIPLE OPTICAL SEGMENTS IN AN ETHERNET PASSIVE OPTICAL NETWORK	73
TEK05-1004_PCT	PCT	PCT	TEK05-1004	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 3/8/2006 App. #: PCT/US06/0875 4		Title: METHOD AND APPARATUS FOR ACCOMMODATING MULTIPLE OPTICAL SEGMENTS IN AN ETHERNET PASSIVE OPTICAL NETWORK	74

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<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK05-1004 REPU BLIC_OF_K OREA	Foreign Patent	Republic of Korea	TEK05-1004	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/7/2007 App. #: 10- 2007-7020444		Title: METHOD AND APPARATUS FOR ACCOMMODATING MULTIPLE OPTICAL SEGMENTS IN AN ETHERNET PASSIVE OPTICAL NETWORK	75
TEK05-1004 TAIWAN	Foreign Patent	Taiwan	TEK05-1004	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 3/14/2006 App. #: 95108611		Title: METHOD AND APPARATUS FOR ACCOMMODATING MULTIPLE OPTICAL SEGMENTS IN AN ETHERNET PASSIVE OPTICAL NETWORK	76
TEK05-1005	US Patent	US	TEK04-1004	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/8/2005 App. #: 11/223,487		Title: METHOD AND APPARATUS FOR FACILITATING DIFFERENTIATED SERVICE QUALITIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	77
TEK05-1005 CHINA	Foreign Patent	China	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 3/7/2008 App. #: 200680032877.2		Title: METHOD AND APPARATUS FOR FACILITATING DIFFERENTIATED SERVICE QUALITIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	78
TEK05-1005 JAPAN	Foreign Patent	Japan	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 3/6/2008 App. #: 2008- 529982		Title: METHOD AND APPARATUS FOR FACILITATING DIFFERENTIATED SERVICE QUALITIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	79

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<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK05-1005_PCT	PCT	PCT	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 6/27/2006 App. #: PCT/US06/0251 23		Title: METHOD AND APPARATUS FOR FACILITATING DIFFERENTIATED SERVICE QUALITIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	80
TEK05-1005_REPU BLIC_OF_K OREA	Foreign Patent	Republic of Korea	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 2/4/2008 App. #: 10-2008-7002875		Title: METHOD AND APPARATUS FOR FACILITATING DIFFERENTIATED SERVICE QUALITIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	81
TEK05-1005_TAIW AN	Foreign Patent	Taiwan	TEK04-1004PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 7/10/2006 App. #: 9512123		Title: METHOD AND APPARATUS FOR FACILITATING DIFFERENTIATED SERVICE QUALITIES IN AN ETHERNET PASSIVE OPTICAL NETWORK	82
TEK05-1006	US Patent	US	TEK05-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/16/2005 App. #: 11/228,879		Title: METHOD AND APPARATUS FOR FACILITATING ASYMMETRIC LINE RATES IN AN ETHERNET PASSIVE OPTICAL NETWORK	83
TEK05-1006_CHIN A	Foreign Patent	China	TEK05-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/10/2008 App. #: 200680025186. X		Title: METHOD AND APPARATUS FOR FACILITATING ASYMMETRIC LINE RATES IN AN ETHERNET PASSIVE OPTICAL NETWORK	84

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK05-1006_JAPAN	Foreign Patent	Japan	TEK05-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 1/9/2008 App. #: 2008-521385		Title: METHOD AND APPARATUS FOR FACILITATING ASYMMETRIC LINE RATES IN AN ETHERNET PASSIVE OPTICAL NETWORK	85
TEK05-1006_PCT	PCT	PCT	TEK05-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 5/23/2006 App. #: PCT/US06/020513		Title: METHOD AND APPARATUS FOR FACILITATING ASYMMETRIC LINE RATES IN AN ETHERNET PASSIVE OPTICAL NETWORK	86
TEK05-1006_REPUBLIC_OF_KOREA	Foreign Patent	Republic of Korea	TEK05-1006PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 12/14/2007 App. #: 10-2007-7029239		Title: METHOD AND APPARATUS FOR FACILITATING ASYMMETRIC LINE RATES IN AN ETHERNET PASSIVE OPTICAL NETWORK	87
TEK05-1006PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 7/15/2005 App. #: 60/700,005		Title: METHOD AND APPARATUS FOR ETHERNET PASSIVE OPTICAL NETWORK WITH ASYMMETRIC UPSTREAM AND DOWNSTREAM LINE RATES	88
TEK05-1007	US Patent	US	TEK05-1007PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 3/20/2006 App. #: 11/385,431		Title: METHOD AND APPARATUS FOR ACCOMMODATING TDM TRAFFIC IN AN ETHERNET PASSIVE OPTICAL NETWORK	89

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, APP. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK05-1007_PCT	PCT	PCT	TEK05-1007PSP	Teknovus, Inc.(TEK) No Client Case No.	Abandoned Filed: 10/12/2006 App. #: PCT/US2006/39 841	Abandoned:	Title: METHOD AND APPARATUS FOR ACCOMMODATING TDM TRAFFIC IN AN ETHERNET PASSIVE OPTICAL NETWORK	90
TEK05-1007PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 12/19/2005 App. #: 60/751,837		Title: METHOD AND APPARATUS FOR ACCOMMODATING TDM TRAFFIC IN AN ETHERNET PASSIVE OPTICAL NETWORK	91
TEK06-1001	US Patent	US	TEK06-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 5/9/2006 App. #: 11/431,342		Title: METHOD AND SYSTEM FOR MITIGATING RAMAN CROSSTALK IN AN ETHERNET PASSIVE OPTICAL NETWORK	92
TEK06-1001_CHIN A	Foreign Patent	China	TEK06-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/30/2007 App. #: 200680014428.5		Title: METHOD AND SYSTEM FOR MITIGATING RAMAN CROSSTALK IN AN ETHERNET PASSIVE OPTICAL NETWORK	93
TEK06-1001_JAPA N	Foreign Patent	Japan	TEK06-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending		Title: METHOD AND SYSTEM FOR MITIGATING RAMAN CROSSTALK IN AN ETHERNET PASSIVE OPTICAL NETWORK	94
TEK06-1001_PCT	PCT	PCT	TEK06-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 5/10/2006 App. #: PCT/US06/1829 4		Title: METHOD AND SYSTEM FOR MITIGATING RAMAN CROSSTALK IN AN ETHERNET PASSIVE OPTICAL NETWORK	95

<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK06-1001_PCT_CHINA	Foreign Patent	China	TEK06-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending		Title: METHOD AND SYSTEM FOR MITIGATING RAMAN CROSSTALK IN AN ETHERNET PASSIVE OPTICAL NETWORK	96
TEK06-1001_PCT_JAPAN	Foreign Patent	Japan	TEK06-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending		Title: METHOD AND SYSTEM FOR MITIGATING RAMAN CROSSTALK IN AN ETHERNET PASSIVE OPTICAL NETWORK	97
TEK06-1001_REPUBLIC_OF_KOREA	Foreign Patent	Republic of Korea	TEK06-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/4/2007 App. #: 2007-7022625		Title: METHOD AND SYSTEM FOR MITIGATING RAMAN CROSSTALK IN AN ETHERNET PASSIVE OPTICAL NETWORK	98
TEK06-1001PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Expired Filed: 5/13/2005 App. #: 60/680,807		Title: METHOD AND APPARATUS FOR MITIGATION OF RAMAN CROSSTALK IN EPON	99
TEK06-1002	US Patent	US	TEK06-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 12/21/2006 App. #: 11/644,562		Title: SMALL FORM FACTOR. PLUGGABLE ONU	100
TEK06-1002_CHINA_A	Foreign Patent	China	TEK06-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 12/21/2006 App. #: 200680044215.7		Title: SMALL FORM FACTOR. PLUGGABLE ONU	101
TEK06-1002_EPO	Foreign Patent	EPO	TEK06-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 6/3/2008 App. #: 06847922.9		Title: SMALL FORM FACTOR. PLUGGABLE ONU	102
TEK06-1002_JAPAN_N	Foreign Patent	Japan	TEK06-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending		Title: SMALL FORM FACTOR. PLUGGABLE ONU	103

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<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK06-1002_PCT	PCT	PCT	TEK06-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 12/21/2006 App. #: PCT/US06/4881 8		Title: SMALL FORM FACTOR. PLUGGABLE ONU	104
TEK06-1002_REPU_BLIC_OF_K_OREA	Foreign Patent	Republic of Korea	TEK06-1002PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 6/16/2008 App. #: 10-2008-7014486		Title: SMALL FORM FACTOR. PLUGGABLE ONU	105
TEK06-1002PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 12/30/2005 App. #: 60/755,894		Title: EPON ONU INTERGATED IN GBIC MODULES	106
TEK08-1001PCT	PCT	PCT	TEK08-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/18/2008 App. #: PCT/US08/7688 4		Title: IN-WALL OPTICAL NETWORK UNIT	107
TEK08-1001PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/1/2007 App. #: 60/976,707		Title: Tek filed this and wants us to send FF reminders IN-WALL OPTICZL NETWORK UNIT (docket TEK-0907-IP)	108
TEK08-1001PSP_T AIWAN	Foreign Patent	Taiwan	TEK08-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	New		Title: Tek filed this and wants us to send FF reminders IN-WALL OPTICZL NETWORK UNIT (docket TEK-0907-IP)	109
TEK08-1001US	US Patent	US	TEK08-1001PSP	Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 9/15/2008 App. #: 12/210,744		Title: IN-WALL OPTICAL NETWORK UNIT	110
TEK08-1003PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 4/21/2008 App. #: 61/046,654		Title: METHOD AND APPARATUS FOR DATA PRIVACY IN PASSIVE OPTICAL NETWORKS	111

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<u>Case Number</u>	<u>Case Type</u>	<u>Country</u>	<u>Priority Case Number</u>	<u>Client Name, Client Case #</u>	<u>Status, Filing Date, App. Serial No.</u>	<u>Pat/Reg No., Issue/Reg Date</u>	<u>Title</u>	<u>Cnt</u>
TEK08-1004PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/21/2008 App. #: 61/107,251		Title: PROTECTION SWITCHING IN PASSIVE OPTICAL NETWORKS	112
TEK08-1005PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/21/2008 App. #: 61/107,255		Title: OPTICAL MONITORING IN PASSIVE OPTICAL NETWORKS	113
TEK08-1006PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/21/2008 App. #: 61/107,256		Title: SUPPORTING TDM TRAFFIC IN PASSIVE OPTICAL NETWORKS	114
TEK08-1007PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/21/2008 App. #: 61/107,258		Title: SUPPORTING MULTI-DWELLING UNITS IN PASSIVE OPTICAL NETWORKS	115
TEK08-1008PSP	US Patent	US		Teknovus, Inc.(TEK) No Client Case No.	Pending Filed: 10/21/2008 App. #: 61/107,263		Title: PASSIVE OPTICAL NETWORK EXTENDER	116
	US Patent	US				6,775,300	Title: CLOCK DISTRIBUTION IN A COMMUNICATIONS NETWORK	117
	US Patent	US				6,768,429	Title: MULTIPLEXING AN ADDITIONAL BIT STREAM WITH A PRIMARY BIT STREAM WITH CONVERSION BETWEEN QB/RB AND XB/YB ENCODED BIT STREAMS	118
	US Patent	US				6,624,763	Title: MULTIPLEXING AN ADDITIONAL BIT STREAM WITH A PRIMARY BIT STREAM	119

EXHIBIT C**Trademarks****United States Trademarks:**

<u>Description</u>	<u>Registration / Serial Number</u>	<u>Registration/Application Date</u>
TEKNOVUS	3,191,573	01/02/07
ETHERNETPLUS	2,918,779	01/18/05
TURBO-EPON	77/228,566	07/12/07
TEKNOVUS	77/565,704	09/09/08
TEKNOVUS ACCESS THE FUTURE	77/565,700	09/09/08

Foreign Trademarks:

<u>Description</u>	<u>Country</u>	<u>Class of Goods</u>	<u>Application Number</u>	<u>Filing Date</u>	<u>Status</u>
TEKNOVUS	China (Peoples Republic)	09		12-Sep-08	Pending
TEKNOVUS	India	09	T21,900	19-Sep-08	Pending
TEKNOVUS	Japan	09	2008/074,634	11-Sep-08	Pending
TEKNOVUS	Korea, Republic of	09	40-2008- 0,044,136	11-Sep-08	Pending
TEKNOVUS	Russian Federation	09		15-Sep-08	Pending