

PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY DATA		
	Name	Execution Date
	VERIZON PATENT AND LICENSING INC.	09/18/2012
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	Property Type	Number
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Total Attachments: 9 source=Tekla_4#page1.tif source=Tekla_4#page2.tif source=Tekla_4#page3.tif source=Tekla_4#page4.tif source=Tekla_4#page5.tif source=Tekla_4#page6.tif		

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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Verizon Patent and Licensing Inc., a Delaware corporation, with an office at One Verizon Way, Basking Ridge, New Jersey 07920 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Tekla Pehr LLC, a Delaware limited liability company, having an address at 160 Greentree Drive, Suite 101, Dover, DE 19904 ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "**Patents**");

Country	Application Number	File Date	Patent Number	Issue Date	Inventors	Title
US	08/206,423	4-Mar-94	5,452,124	19-Sep-95	Baker, Phillip E.	Unidirectional amplification for bi-directional transmission using wavelength-division multiplexing
US	08/447,650	23-May-95	5,751,949	12-May-98	Thomson, Robert David; Geiwitz, Roger	Data security system and method
US	08/799,402	12-Feb-97	5,923,756	13-Jul-99	Shambroom, W. David	Method for providing secure remote command execution over an insecure computer network
France	98904936.6	11-Feb-98	0960500	2-Aug-06	Shambroom, W. David	Method for providing secure remote command execution over an insecure computer network
Germany	98904936.6	11-Feb-98	DE69835416.8	2-Aug-06	Shambroom, W. David	Method for providing secure remote command execution over an insecure computer network
Italy	98904936.6	11-Feb-98	0960500	2-Aug-06	Shambroom, W. David	Method for providing secure remote command execution over an insecure computer network
UK	98904936.6	11-Feb-98	0960500	2-Aug-06	Shambroom, W. David	Method for providing secure remote command execution over an insecure computer network
Canada	2,280,869	11-Feb-98		4-Dec-07	Shambroom, W. David	Method for providing secure remote command execution over an insecure computer network
Japan	10-535814	11-Feb-98	4,434,319	4-Dec-07	Shambroom, W. David	Method for providing secure remote command execution over an insecure computer network
US	09/336,557	19-Jun-99	6,301,661	9-Oct-01	Shambroom, W. David	Enhanced security for applications employing downloadable executable content
US	09/309,695	11-May-99	6,198,824	6-Mar-01	Shambroom, W. David	System for providing secure remote command execution network

US	09/741,103	21-Dec-00	7,062,781	13-Jun-06	Shambroom, W. David	Method for providing simultaneous parallel secure command execution on multiple remote hosts
US	09/759,100	12-Jan-01	7,366,900	29-Apr-08	Shambroom, W. David	Platform-neutral system and method for providing secure remote operations over an insecure computer network
US	09/291,794	14-Apr-99	6,208,647	27-Mar-01	Deng, Shuang; Olshansky, Robert	Multicast extension to data link layer protocols
US	09/048,102	26-Mar-98	6,282,267	28-Aug-01	Nolting, Thomas A.	Network planning traffic measurement program
US	09/783,117	15-Feb-01	7,027,574	11-Apr-06	Nolting, Thomas A.	Network planning traffic measurement program
US	09/188,713	10-Nov-98	6,385,301	7-May-02	Nolting, Thomas A.; LaPearl; Richard; Dion, Karen	Data preparation for traffic track usage measurement
US	09/188,679	10-Nov-98	6,351,453	26-Feb-02	Nolting, Thomas A.; LaPearl; Richard; Dion, Karen	Internet service provider (ISP) finder
US	09/188,714	10-Nov-98	7,260,192	21-Aug-07	Nolting, Thomas A.; LaPearl; Richard; Dion, Karen	Internet user finder
US	09/188,680	10-Nov-98	6,721,405	13-Apr-04	Nolting, Thomas A.; Dion, Karen	Interconnect traffic analysis
US	09/189,082	10-Nov-98	6,411,681	25-Jun-02	Nolting, Thomas A.; LaPearl, Richard; Dion, Karen; Gillis, Raymond; Snow, Carol	Traffic track measurements for analysis of network troubles
US	09/188,712	10-Nov-98	6,744,866	1-Jun-04	Nolting, Thomas A.; LaPearl, Richard; Dion, Karen; Leung, Raymond; Noonan, Sheila	Traffic track usage measurement system
US	09/306,636	7-May-99	6,298,123	2-Oct-01	Dion, Karen; Howes, William A.; Nolting, Thomas A.	Interconnect traffic tracking
US	09/270,071	16-Mar-99	6,233,313	15-May-01	Farris, Robert D.; Bartholomew, Dale L.; Albers, Raymond F.; Eppert, III, Charles H.; Pershan, Barry ; Michaelis, Daniel C. ; Pilkerton, Michael G.; Huff, Christine W.; Lodsun, Jay C.; Pomykacz, Walter; Nolting, Thomas A.	Call detail reporting for lawful surveillance

US	09/808,179	15-Mar-01	6,504,907	7-Jan-03	Farris, Robert D.; Bartholomew, Dale L.; Albers, Raymond F.; Eppert, III, Charles H.; Pershan, Barry ; Michaelis, Daniel C. ; Pilkerton, Michael G.; Huff, Christine W.; Lodsun, Jay C.; Pomykacz, Walter; Nolting, Thomas A.	Call detail reporting for lawful surveillance
US	09/112,155	9-Jul-98	6,650,633	18-Nov-03	Raymond F. Albers, Charles H. Eppert, Robert D. Farris, Christine W. Huff, Daniel C. Michaelis, Paul B. Pershan, Michael G. Pilkerton	Monitor network with advanced intelligent network (AIN) for electronic surveillance
US	09/220,733	24-Dec-98	6,370,120	9-Apr-02	Hardy, William Christopher	Method and system for evaluating the quality of packet-switched voice signals
US	11/102,686	11-Apr-05	8,068,437	29-Nov-11	Hardy, William Christopher	Determining the effects of new types of impairments on perceived quality of a voice service
EP	04779941.6	4-Aug-04			Gunasekar, Duraisamy	Method and system for providing conferencing services
US	13/247,611	28-Sep-11			Hardy, William Christopher	Determining the effects of new types of impairments on perceived quality of a vo...
US	13/348,402	11-Jan-12			Gunasekar, Duraisamy	Method and system for providing conferencing services
US	09/778,186	7-Feb-01	7,085,230	1-Aug-06	Hardy, William Christopher	Method and System for Evaluating the Quality of Packet-Switched Voice Signals
France	02760989.0	7-Feb-02	1,364,501	17-Aug-11	Hardy, William Christopher	Method and System for Evaluating the Quality of Packet-Switched Voice Signals
Germany	027609890	7-Feb-02	60240814.8	17-Aug-11	Hardy, William Christopher	Method and System for Evaluating the Quality of Packet-Switched Voice Signals
Italy	02760989.0	7-Feb-02	1364501	17-Aug-11	Hardy, William Christopher	Method and System for Evaluating the Quality of Packet-Switched Voice Signals
UK	027609890	7-Feb-02	1364501	17-Aug-11	Hardy, William Christopher	Method and System for Evaluating the Quality of Packet-Switched Voice Signals

France	2737151.7	23-May-02	1396102	18-Apr-07	Hardy, William Christopher	Determining the Effects of New Types of Impairments on Perceived Quality of a V...
Germany	2737151.7	23-May-02	60219622.1	18-Apr-07	Hardy, William Christopher	Determining the Effects of New Types of Impairments on Perceived Quality of a V...
Italy	2737151.7	23-May-02	1396102	18-Apr-07	Hardy, William Christopher	Determining the Effects of New Types of Impairments on Perceived Quality of a V...
UK	2737151.7	23-May-02	1396102	18-Apr-07	Hardy, William Christopher	Determining the Effects of New Types of Impairments on Perceived Quality of a V...
US	09/866,770	30-May-01	7,099,282	29-Aug-06	Hardy, William Christopher	Determining the effects of new types of impairments on perceived quality of a vo...
US	09/779,092	8-Feb-01	6,985,559	10-Jan-06	Hardy, William Christopher	Method and apparatus for estimating quality in a telephonic voice connection
France	02704405.6	8-Feb-02	1368957	19-May-10	Hardy, William Christopher	Method and apparatus for estimating quality in a telephonic voice connection
Germany	60236414.0-0	8-Feb-02	1368957	19-May-10	Hardy, William Christopher	Method and apparatus for estimating quality in a telephonic voice connection
Italy	02704405.6	8-Feb-02	1368957	19-May-10	Hardy, William Christopher	Method and apparatus for estimating quality in a telephonic voice connection
UK	02704405.6	8-Feb-02	1368957	19-May-10	Hardy, William Christopher	Method and apparatus for estimating quality in a telephonic voice connection
US	10/826,114	16-Apr-04	7,653,002	26-Jan-10	Hardy, William Christopher; Mckiel, Frank A Jr.	Real time monitoring of perceived quality of packet voice transmission
US	10/903,590	30-Jul-04	8,140,980	20-Mar-12	Gunasekar, Guna Duraisamy	Method and system for providing conferencing services
US	12/347,828	31-Dec-08			Hardy, William Christopher; Mckiel, Frank A Jr.	Real time monitoring of perceived quality of packet voice transmission
US	11/864,556	28-Sep-07	7,548,198	16-Jun-09	Mergen, John-Francis	Method and system for providing preference based location aware content
US	09/436,795	8-Nov-99	6,434,143	13-Aug-02	Donovan, Steven R.	Internet protocol telephony voice/video message deposit and retrieval
US	10/068,381	6-Feb-02	7,167,468	23-Jan-07	Donovan, Steven R.	Internet protocol telephony voice/video message deposit and retrieval

US	11/566,444	4-Dec-06	7,773,585	10-Aug-10	Donovan, Steven R.	Internet protocol telephony voice/video message deposit and retrieval
US	12/463,918	11-May-09			Donovan, Steven R.	Internet Protocol Telephony Voice/Video Message Deposit and Retrieval
US	12/479,027	5-Jun-09			Donovan, Steven R.	Internet Protocol Telephony Voice/Video Message Deposit and Retrieval
US	11/693,528	29-Mar-07	7,849,481	7-Dec-10	Moon, Hannah Y.; Morley, Dorothy Beau	Notification for interactive content
US	12/878,598	9-Sep-10			Moon, Hannah Y.; Morley, Dorothy Beau	Notification for interactive content
US	10/405,499	3-Apr-03	7,853,250	14-Dec-10	Harvey, Elaine; Walnock, Matthew	Wireless intrusion detection system and method
US	10/405,473	3-Apr-03	7,603,710	13-Oct-09	Harvey, Elaine; Walnock, Matthew	Method and system for detecting characteristics of a wireless network
US	12/421,841	1-Apr-09	8,078,722	13-Dec-11	Harvey, Elaine; Walnock, Matthew	Method and system for detecting characteristics of a wireless network
US	12/470,195	21-May-09	8,122,506	21-Feb-12	Harvey, Elaine; Walnock, Matthew	Method and system for detecting characteristics of a wireless network
US	13/291,849	8-Nov-11			Harvey, Elaine; Walnock, Matthew	Method and system for detecting characteristics of a wireless network
US	10/147,308	3-Apr-03	7,778,606	17-Aug-10	Ammon, Ken; O'Ferrell, Chris; Mitzen, Wayne; Frasnelli, Dan; Wimble, Lawrence; Yang, Yin; McHale, Tom; Doten, Rick	Method and system for wireless intrusion detection
US	12/959,167	2-Dec-10			Harvey, Elaine; Walnock, Matthew	Wireless intrusion detection system and method
US	10/235,241	4-Sep-02	7,092,385	15-Aug-06	Gregorat, Maria; Gallant, John Kenneth; McMurry, Kathleen A.	Policy control and billing support for call transfer in a session initiation protocol (SIP) network
US	11/425,050	19-Jun-06	7,739,196	15-Jun-10	Gregorat, Maria; Gallant, John Kenneth; McMurry, Kathleen A.	Policy control and billing support for call transfer in a session initiation protocol (SIP) network
US	12/749,721	30-Mar-10	7,860,800	28-Dec-10	Gregorat, Maria; Gallant, John Kenneth; McMurry, Kathleen A.	Policy control and billing support for call transfer in a session initiation protocol (SIP) network
US	10/234,538	4-Sep-02	7,792,973	7-Sep-10	Gallant, John Kenneth; McMurry, Kathleen A.; Gregorat, Maria;	Systems and Methods for Initiating Announcements in a SIP Telecommunications Network

US	12/850,444	4-Aug-10			Gallant, John Kenneth; McMurry, Kathleen A.; Gregorat, Maria;	Systems and Methods for Initiating Announcements in a SIP Telecommunications Network
US	11/849,008	31-Aug-07	7,970,418	28-Jun-11	Schmidt, Albert L. Jr.; Morrison, Stephen D.; Zhang, Xi	Method and system of providing event content sharing by mobile communication devices
Hong Kong	10110194.1	29-Oct-10			Schmidt, Albert L. Jr.; Morrison, Stephen D.; Zhang, Xi	Method and system of providing event content sharing by mobile communication devices
China	200880105099.4	28-Aug-08			Schmidt, Albert L. Jr.; Morrison, Stephen D.; Zhang, Xi	Method and system of providing event content sharing by mobile communication devices
EP	8828408.8	28-Aug-08			Schmidt, Albert L. Jr.; Morrison, Stephen D.; Zhang, Xi	Method and system of providing event content sharing by mobile communication devices
US	13/107,144	13-May-11			Schmidt, Albert L. Jr.; Morrison, Stephen D.; Zhang, Xi	Method and system of providing event content sharing by mobile communication devices
US	11/177,559	11-Jul-05	7,624,923	1-Dec-09	O'Neill, David; Clark, Todd C.; Fox, Ethan	Providing directed content to anonymous customers
US	12/580,646	16-Oct-09	7,975,917	12-Jul-11	O'Neill, David; Clark, Todd C.; Fox, Ethan	Providing directed content to anonymous customers
US	10/115,255	4-Apr-02	7,243,355	10-Jul-07	Espino, Mayel	Method, system and computer program product for a lightweight directory access protocol client application program interface
US	11/764,480	18-Jun-07	8,015,574	6-Sep-11	Espino, Mayel	Method, system and computer program product for a lightweight directory access protocol client application program interface
US	13/205,336	8-Aug-11			Espino, Mayel	Method, system and computer program product for a lightweight directory access protocol client application program interface
Canada	CA2484041	15-May-03			Ammon, Ken; O'Ferrell, Chris; Mitzen, Wayne; Frasnelli, Dan; Wimble, Lawrence; Yang, Yin; McHale, Tom; Doten, Rick	Method and system for wireless intrusion detection
Germany	DE60334689.8	15-May-03	DE60334689.8	27-Oct-10	Ammon, Ken; O'Ferrell, Chris; Mitzen, Wayne; Frasnelli, Dan; Wimble, Lawrence; Yang, Yin; McHale, Tom; Doten, Rick	Method and system for wireless intrusion detection

France	FR03736601 .0	15-May-03	FR1506637	27-Oct-10	Ammon, Ken; O'Ferrell, Chris; Mitzen, Wayne; Frasnelli, Dan; Wimble, Lawrence; Yang, Yin; McHale, Tom; Doten, Rick	Method and system for wireless intrusion detection
Great Britain	GB0373660 1.0	15-May-03	GB1506637	27-Oct-10	Ammon, Ken; O'Ferrell, Chris; Mitzen, Wayne; Frasnelli, Dan; Wimble, Lawrence; Yang, Yin; McHale, Tom; Doten, Rick	Method and system for wireless intrusion detection
Italy	IT03736601. 0	15-May-03	IT1506637	27-Oct-10	Ammon, Ken; O'Ferrell, Chris; Mitzen, Wayne; Frasnelli, Dan; Wimble, Lawrence; Yang, Yin; McHale, Tom; Doten, Rick	Method and system for wireless intrusion detection

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and (ii) for which any of the Patents directly or indirectly forms a basis for priority;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts to any patent or patent application falling in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (d) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (d), or (ii) are subject matter capable of being reduced to a patent claim in a narrowing reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (d), provided that such subject matter is not presently claimed as inventive subject matter in any patent or patent application owned at any time by Assignor or its Affiliates (as defined below), excluding the patents and patent applications in the Patents;

(f) 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 and/or any item in any of the foregoing categories (b) through (e), including, without limitation, all causes of action and other enforcement rights for

- (1) damages,
- (2) injunctive relief, and
- (3) any other remedies of any kind

for past, current, and future infringement; and

(g) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (f), other than as specifically reserved by Assignor.

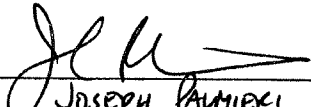
For purposes of category (e) above, "*Affiliate*" means, with respect to Assignor, (i) the legal entity that ultimately controls Assignor as of the date of Assignor's signature set forth below and any successor to such entity as a result of an internal reorganization or restructuring that does not result in a Change of Control, and (ii) each organization or legally recognizable entity that is controlled by the entity described in the foregoing (i). For purposes of this definition, (a) "*control*" means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of a legally recognizable entity, whether through the ownership of voting shares, by contract, or otherwise, and (b) "*Change of Control*" means that another entity (other than an Affiliate existing immediately prior to the change of control event) becomes the "beneficial owner" (as defined in Rule 13d-3 under the Securities Exchange Act of 1934, as amended), directly or indirectly, of securities of the entity described in the foregoing (i) representing fifty percent (50%) or more of the total voting power represented by such entity's then outstanding voting securities.

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.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at BASKING RIDGE, NJ
on SEPTEMBER 18, 2012.

ASSIGNOR:

Verizon Patent and Licensing Inc.

By: 
Name: JOSEPH PALMIERI
Title: VICE PRESIDENT

(Signature MUST be attested)

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

The undersigned witnessed the signature of Joseph Palmeri to the above Assignment of Patent Rights on behalf of Verizon Patent and Licensing 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. Joseph Palmeri is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Sept. 18, 2012 to execute the above Assignment of Patent Rights on behalf of Verizon Patent and Licensing Inc.
3. Joseph Palmeri subscribed to the above Assignment of Patent Rights on behalf of Verizon Patent and Licensing 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 Sept. 18, 2012 (date)

Karen L. Reilly
Print Name: KAREN L. REILLY