

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NYTELL SOFTWARE LLC	10/30/2019
RECEIVING PARTY DATA	
Name:	INTELLECTUAL VENTURES ASSETS 130 LLC
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	RE43704
Patent Number:	7760664
Patent Number:	6836466
Patent Number:	6775253
Patent Number:	6628943
Patent Number:	6788660
Patent Number:	6487406
Patent Number:	6490259
CORRESPONDENCE DATA	
Fax Number:	(425)679-0580
<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>	
Email:	ivrecording@intven.com
Correspondent Name:	INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL
Address Line 1:	3150 139TH AVENUE SE
Address Line 2:	BUILDING 4, FLOOR 3
Address Line 4:	BELLEVUE, WASHINGTON 98005
NAME OF SUBMITTER:	JANICE L. GOEBEL
SIGNATURE:	/Janice L. Goebel/
DATE SIGNED:	11/01/2019

Total Attachments: 6

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

Active Patent(s) – (Filed; Granted)

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
RE43704 (12/608732)	US	10/2/2012 (10/29/2009)	Determining and provisioning paths within a network of communication elements Gupta, Sanyogita
7760664 (11/101136)	US	7/20/2010 (4/7/2005)	Determining and provisioning paths in a network Sanyogita Gupta
CA2581734 (CA2581734)	CA	8/28/2012 (9/28/2005)	Determining and provisioning paths in a network Sanyogita Gupta
DE602005053126.2 (DE602005053126.2)	DE	11/22/2017 (9/28/2005)	Determining and provisioning paths in a network Sanyogita Gupta
GB1797670 (GB05857725.5)	GB	11/22/2017 (9/28/2005)	Determining and provisioning paths in a network Sanyogita Gupta
JP4777990 (JP2007-534687)	JP	7/8/2011 (9/28/2005)	Determining and provisioning paths in a network Sanyogita Gupta
6836466 (09/579371)	US	12/28/2004 (5/26/2000)	Method and system for measuring IP performance metrics Krishna Kant

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6775253 (09/512644)	US	8/10/2004 (2/24/2000)	Adaptive signaling for wireless packet telephony Prathima Agrawal
6628943 (09/512645)	US	9/30/2003 (2/24/2000)	Mobility management utilizing active address propagation Prathima Agrawal
6788660 (09/512646)	US	9/7/2004 (2/24/2000)	Adaptive mobile signaling for wireless internet telephony Prathima Agrawal
6487406 (09/545619)	US	11/26/2002 (4/10/2000)	PCS-to-mobile IP internetworking Li-Fung Chang
TWI183532 (TW089110383)	TW	8/11/2003 (5/29/2000)	PCS-to-mobile IP internetworking Chang, Li-Fung
CA2310783 (CA2310783)	CA	2/3/2004 (6/6/2000)	PCS-to-mobile IP internetworking Chang, Li-Fung
6490259 (09/512514)	US	12/3/2002 (2/24/2000)	Active link layer and intra- domain mobility for IP networks AGRAWAL PRATHIMA

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

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

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Inactive Patent(s) – (Abandoned; Lapsed; Expired)

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
7289456 (10/118187)	US	10/30/2007 (4/8/2002)	Determining and provisioning paths within a network of communication elements

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Gupta, Sanyogita
(60/614609)	US	(9/30/2004)	Modeling of topology connectivity map for efficient layer 1 routing Sanyogita Gupta
(PCT/US2005/034418)	WO	(9/28/2005)	Determining and provisioning paths in a network Sanyogita Gupta
EP1797670 (EP05857725.5)	EP	11/22/2017 (9/28/2005)	Determining and provisioning paths in a network Sanyogita Gupta
(60/121552)	US	(2/25/1999)	Adaptive mobility-aware signaling for wireless IP telephony Agrawal, Prathima
(PCT/US2000/004629)	WO	(2/24/2000)	Adaptive signaling and mobility for wireless telephony Agrawal, Prathima
(60/139471)	US	(6/16/1999)	PCS-to-mobile IP internetworking Chang, Li-Fung
(PCT/US2000/014059)	WO	(5/22/2000)	ACTIVE LINK LAYER AND INTRA-DOMAIN MOBILITY FOR IP NETWORKS AGRAWAL PRATHIMA

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

