505436777 04/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5483578

ı	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
	NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 028481 Frame 0428. Assignor(s) hereby confirms the ASSIGNMENT. ASSIGNEE NAME SHOULD READ: SBC KNOWLEDGE VENTURES, L.P.	

CONVEYING PARTY DATA

Name	Execution Date
ZESEN CHEN	09/01/2005
YONGDONG ZHAO	09/01/2005
PETER CHOU	09/01/2005
BRIAN A. GONSALVES	09/01/2005
MICHAEL TAYLOR	09/01/2005

RECEIVING PARTY DATA

Name: SBC KNOWLEDGE VENTURES, L.P.	
Street Address:	645 E. PLUMB LANE
City:	RENO
State/Country:	NEVADA
Postal Code:	89502

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12895272

CORRESPONDENCE DATA

Fax Number: (832)213-0279

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.

Phone: 916-341-3504 **Email:** jp9856@att.com

Correspondent Name: AT&T LEGAL DEPARTMENT

Address Line 1: ONE AT&T WAY Address Line 2: ROOM 2A-212

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	LB1161CON
NAME OF SUBMITTER:	JEANNE PANIAGUA
SIGNATURE:	/Jeanne Paniagua/
DATE SIGNED:	04/19/2019

505436777 REEL: 048947 FRAME: 0582

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PATENT REEL: 048947 FRAME: 0583

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zesen Chen	09/01/2005
Yongdong Zhao	09/01/2005
Peter Chou	09/01/2005
Brian A. Gonsalves	09/01/2005
Michael Taylor	09/01/2005

RECEIVING PARTY DATA

Name:	AT&T Intellectual Property I, L.P. (formerly known as SBC Knowledge Ventures, L.P.)
Street Address:	675 W. Peachtree Street
Internal Address:	Suite 4000
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30375

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12895272

CORRESPONDENCE DATA

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501976556

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Address Line 1: **ROOM 2A-207** Address Line 2: ONE AT & T WAY

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER: **LB1161 CON**

REEL: 028481 FRAME: 0428

PATENT REEL: 048947 FRAME: 0584

PATENT

NAME OF SUBMITTER:	/Grace Adame/	
Total Attachments: 6		
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PATENT REEL: 028481 FRAME: 0429 PATENT

REEL: 048947 FRAME: 0585

ASSIGNMENT

WHEREAS, Zesen Chen, a citizen of the People's Republic of China, residing at 3906 Stoneridge Dr., #8, Pleasanton, CA 94588, Yongdong Zhao, a citizen of the United States of America, residing at 6330 Stoneridge Mall Rd, Apt# E215, Pleasanton, CA 94588; Peter Chou, a citizen of the United States of America, residing at 12204 Santa Teresa Drive, San Ramon, CA 94583; Brian A. Gonsalves, a citizen of the United States of America, residing at 3504 Baywood Circle, Antioch, CA 94531; Michael Taylor, a citizen of the United States of America, residing at 196 Putter Drive, Brentwood, CA 94513; hereinafter called the "Assignors," have made the invention described in the United States patent application entitled "System and Method for Providing Network Security," Attorney Docket No. 1033-LB1161 (SBC LB1161), for a full description of which reference is here made to an application for Letters Patent of the United States filed on August 9, 2005, and assigned U.S. Application Serial No. 11/200,249; and

WHEREAS, SBC KNOWLEDGE VENTURES, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, hereinafter called the "Assignee", desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and

prolongations thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignor authorizes attorney or agent to fill in the U.S. Application Serial No. above, if required.

PATENT REEL: 028987 FRAME: 0580

AND said Assignor authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.

Name of Inventor:	Zesen Ch	nen
Signature of Inventor:		a ()
Date:	9	11/05
<u>Witnesse</u>	es for Inventor	
First Witt	iess:	Signature / Date
Second \	Vitness:	PETER CHOLL Full Name (printed) Signature / Date VONGDONG ZHAO

Full Name (printed)

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.

Name of Inventor:	Yongdong Zhao
Signature of Inventor:	ys Than
Date:	9/1/2005
Witnesses for	Inventor 7000 0 9/1/ac
First Witness	Signature / Date
	ZESEN CHEN
	Full Name (printed)
Second Witne	Signature / Date
	PETER CHAL
	Full Name (printed)

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.

Name of Inventor:	Peter Chou
Signature of Inventor:	Pater Chow
Date:	9-1-05
Witnesses fo	$\frac{1}{1}$ Inventor $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
First Witness	Signature / Date 7
Second Witnes	ZESEN CHEN
	Full Name (printed)
	ess: \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	YONGDONG ZHAO
	Full Name (printed)

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.

Name of Inventor:

Brian A. Gonsalves

Signature of inventor:

9-1-05

Date:

Witnesses for Inventor

First Witness:

Signature / Date

Full Name (printed)

Second Witness:

Signature / Date

Full Name (printed)

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.

Michael Taylor

Signature of Inventor.

Date:

Witnesses for Inventor

First Witness:

Signature / Date

Full Name (printed)

Second Witness:

EXESALUES

Full Name (printed)

RECORDED: 04/09/2012

REEL: 028887 FRAME: 0595