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To the Director of the S. Patent and Trademark Office: Pleas	e recoru u e Sur	nents or the new address(es) below:	
1. Name of conveying Party(ies)/Execution Date:	2. Name and Addre	ess of receiving Party(ies):	
YONGDONG ZHAO SEAN CHEN ZESEN CHEN	Name:	SBC KNOWLEDGE VENTURES, L.P.	
SHIH-CHUNG TOM SOON HOLLY CHEN	Internal Address:		
Execution Date(s):July 19, 2005 Additional name(s) of conveying party(ies) attached?	Street Address:	645 E. Plumb Lane	
☐ Yes ☑ No 3. Nature of Conveyance:	City:	Reno	
☐ Change of Name	State:	Nevada	
☐ Security Agreement☐ Merger☐ Government Interest Assignment	Country:	United States Zip: 89502	
☐ Executive Order 9424, Confirmatory License	Additional name(s) and	Additional name(s) and addresses attached? ☐ Yes ☒ No	
Other			
4. Application or patent number(s). A. Patent Application No.(s) 11/149,439	nent is being filed together B. Patent No.(s)	er with a new application.	
	 		
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Additional numbers at 5. Name and address of party to whom	tached? Yes No	plications and patents involved: 1	
correspondence concerning document should be	o. Total number of app	blications and patents involved: 1	
mailed:	7 Total foo /27 CED	1 21/5) 9 2 41)	
BRINKS HOFER GILSON & LIONE P.O. BOX 10395	7. Total fee (37 CFR	1.21(h) & 3.41) \$ <u>40</u>	
CHICAGO, IL 60610		arged by credit card.	
(312) 321-4200 (312) 321-4299 Fax	Authorized to be ch	narged to Deposit Account No. 23-	
(6.2) 62 1 1260 1 63		ernment interest not affecting title)	
	a. 🔲 Credit Card: La		
	b. 🗵 Charge fee and/o Account Number	or any Deficiencies to Deposit : 23-1925	
1 A M OF	Authorized User		
9. Signature: Signature	July 26,	2005	
Vincent J. Gnoffo, Reg. No. 44,714 Total number of pages including cover Name of Person Signing sheet, attachments, and documents: 6			
Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:			
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450			
08/02/2005 ECOOPER 00000123 11149439			
01 FC:8021 40.00 0P			

PATENT REEL: 016822 FRAME: 0842

ASSIGNMENT

WHEREAS, Yongdong Zhao, a citizen of the United States of America, residing at 6330 Stoneridge Mall Road, Apt.# E215, Pleasanton, California 94588; Sean Chen, a citizen of the United States of America, residing at 609 Arcadia Terrace, #205, Sunnyvale, California 94085; Zesen Chen, a citizen of China, residing at 3906 Stondridge Drive, #8, Pleasanton, California 94588; Shih-Chung Tom Soon, a citizen of China, residing at 7635 Quali Creek Circle, Dublin, California 94568 and Holly Chen, a citizen of Canada, residing at 525 Columbia, Creek Drive, San Ramon, California 94582; hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "SYSTEM FOR DETECTING PACKETIZATION DELAY OF PACKETS IN A NET WORK", Attorney Docket No. 8285/740 (SBC LB1154), for a full description of which reference is here made to an application for Letters Patent of the United States filed on June 9, 2005 and assigned Application Serial No. 11/149,439; 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 Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do 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 Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors 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

- 1 -

Attorney	Docket	Number	8285/740
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Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required

AND said Assignors authorize and request 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 Assignors, on the date(s) listed below.

Name of First Invent	or: <u>Yongdong</u>	Zhao 2	
Signature of First Inv	entor:	8 2hm	
Date:	_7(1	5/2005	<u></u>
<u>Witne</u>	 esses for First Invent	<u>or</u>	
First \	Witness:	Signature / Date	- Ily 19. 2005
Seco	nd Witness:	Full Name (printed) Signature / Date Elaine Line	7/12/05

Full Name (printed)

- 2 -





Name of Second Inve	ntor:	Sean Chen
Signature of Second	nventor:	Sean Cho
Date:		
Witne	sees for Se	cond Inventor // /
	Vitness:	Ovioles Signature / Date July 19 08
Secon	id Witness:	Full Name (printed) 7-19-05
		Signature / Date Chashui Zhauy Full Name (printed)
Name of Third Inven	рг: <u>Z</u> e	esen Chan
Signature of Third In	entor:	
Date:		
	sses for Th	ird Inventor
Firet v	Vitness:	
		Signature / Date
		Full Name (printed)
Secon	d Witness:	Signature / Date
		Full Name (printed)
II.		

-3-

Name of Second Inventor:

Signature of Second Inventor:

Date:

Witnesses for Second Inventor

First Witness:

Signature / Date

Full Name (printed)

Full Name (printed)

Name of Third Inventor: Zesen Chen

Signature of Third Inventor: Zesen Chen

7-19-2005

Witnesses for Third Inventor
First Witness:

Signature / Batel

BRIANE GONSALVE

Full Name (printed)
Second Witness:

Petu Chan

Petu Char 7-11-05 Signature / Date

PETER CHOU

Full Name (printed)

- 3 -

Name of Fourth Inver	itor: Shih-Chung	Tom Soon	_
Signature of Fourth I	ventor: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Slih Ching	_
Date:	7-	-19-2005	_
Witne	sses for Fourth Invent	tor	
First V	Vitness:	Signature / Date	July 19, 2008-
Secor	id Witness:	Full Name (printed) Signature / Date Eland Full Name (printed)	7/12/00
Name of Fifth Invente Signature of Fifth Inv Date:	entor: Atla	en ch	-
	sses for Fifth Inventor		
	Vitness:	00/0	7/19/05
Seco	nd Witness:	Signature / Date Dick Kives Full Name (printed) Signature / Date Fred Wang Full Name (printed)	7/19/05
		-4-	

PATENT REEL: 016822 FRAME: 0847