PATENTS ONLY  To the Director of the U.S. Petent and Trademark Office: Please record the altached documents or the new address(es) below.  1. Names of conveying party(les)  1. QAMES SECKIN  2. RAGHAVENDRA C. NAGARAJ  3. LALIT SARNA  4. ALAN TSENG  5. JAYANKIM. BHALOD  6. YANDA MA  Execution Dates:  1. DECEMBER 2. 2004  2. NOVEMBER 29. 2004  3. NOVEMBER 29. 2004  3. NOVEMBER 29. 2004  3. NOVEMBER 29. 2004  6. NOVEMBER 20. 2004  3. NATure of conveyance:  Security Agreement		RM PTO-1595 RECORDATION FO	RM COVER SHEET  U.S. DEPARTMENT OF COMMERCS United States Patent and Trademark Office	
1. Names of conveying party(les)/Execution Date(s) 1. GAMZE SECKIN 2. RAGHAVENDRA C. NAGARAJ 3. LALIT SARNA 4. ALAN TSENG 5. JAYANK M. BHALOD 6. YANDA MA Execution Dates: 1. DECEMBER 3. 2004				
1) GAMZE SECKIN 2) RAGHYAVENDRA C. NAGARAJ 3) LALIT SARNA 4) ALAN TSENG 5) JAYANK M. BHALOD 6) YANDA MA Execution Dates: 1) DECEMBER 3, 2004 4) DECEMBER 2, 2004 2) NOVEMBER 29, 2004 5) DECEMBER 2, 2004 3) NOVEMBER 29, 2004 5) DECEMBER 2, 2004 3) NOVEMBER 29, 2004 6) NOVEMBER 29, 2004 Additional name(s) of conveying party(tes) attached?   Yes   No  3. Nature of conveying party(tes) attached?   Yes   No  4. Application or patent number(s):   This document is being filed together with a new application.  A Patent Application No(s).   B. Patent No(s).    Additional numbers attached?   Yes   No  5. Name and address of party to whom correspondence concerning document should be mailed.   Authorized to be charged by credit card.    Name: Sead Intellectual Property Law Group PLIC   Internal Address:   DENNIS M. DE GUZMAN   Street Address:   DENNIS M. DE GUZMAN   DE GUZMAN   Authorized to be charged by credit card.   Authorized to be charged to deposit account.   Enclosed   None required (government interest not affecting title)   B. Payment Information   B. Payment	То	the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.	
2) RAGHAVENDRA C. NAGARAJ 3) LALIT SARNA 4) ALAN TSENG 5) JAYANK M. BHALOD 6) YANDA MA  Execution Dates: 1) DECEMBER 3, 2004 2) NOVEMBER 32, 2004 3) NOVEMBER 32, 2004 3) NOVEMBER 32, 2004 3) NOVEMBER 32, 2004 4) DECEMBER 22, 2004 3) NOVEMBER 32, 2004 4) DECEMBER 22, 2004 3) NOVEMBER 32, 2004 5) DECEMBER 22, 2004 4) DECEMBER 32, 2004 3) NOVEMBER 32, 2004 6) NOVEMBER 32, 2004 3) NOVEMBER 32, 2004 6) NOVEMBER 32, 2004 6) NOVEMBER 32, 2004 7) NOVEMBER 32, 2004 6) NOVEMBER 32, 2004 7) NOVEMBE	1.	Names of conveying party(ies)/Execution Date(s):	Name and address of receiving party(ies)	
3) LALIT SARNA 4) ALAN TSENG 5) JAYANK M. BHALOD 6) YANDA MA  Execution Dates: 1) DECEMBER 3, 2004 5) DECEMBER 2, 2004 2) NOVEMBER 29, 2004 6) NOVEMBER 2, 2004 3) NOVEMBER 29, 2004 6) NOVEMBER 29, 2004 3) NOVEMBER 29, 2004 3) NOVEMBER 29, 2004 4 NOVEMBE			Name: VIDIATOR ENTERPRISES INC.	
5 JAYANK M. BHALOD 6) YANDA MA  Execution Dates: 1) JECEMBER 3, 2004		3) LALIT SARNA	Internal Address:	
1) DECEMBER 3, 2004 4) DECEMBER 2, 2004 3) MOVEMBER 29, 2004 6) NOVEMBER 2, 2004 3) MOVEMBER 29, 2004 6) NOVEMBER 2, 2004 Additional name(s) of conveying party(ies) attached?				
S. Nature of conveyance:    Assignment		1) <u>DECEMBER 3, 2004</u> 2) <u>NOVEMBER 29, 2004</u> 5) <u>DECEMBER 2, 2004</u> 5) <u>DECEMBER 2, 2004</u>	Street Address: P.O. BOX CB-12751	
Assignment   Merger   State:   Country: THE BAHAMAS   Zip   Country: THE BAHAMAS   Zip   Additional names & addresses attached?   Yes   No   No   No   No   No   No   No   N	Add	ditional name(s) of conveying party(ies) attached?   Yes X No	City: NASSALL NEW PROVIDENCE	
Country: THE BAHAMAS Zip  Government Interest Assignment Executive Order 9424, Confirmatory License Other  4. Application or patent number(s):  A Patent Application No(s). 10/924,740  B. Patent No(s).  Additional numbers attached? Yes No  Additional numbers attached? Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Seed Intellectual Property Law Group PLLC Internal Address: DENNIS M. DE GUZMAN Street Address: 701 Fifth Avenue. Suite 6300 City: Seattle State: WA ZIP: 98104-7092 Phone Number: 206-682-6031 Email Address: dennisd@SeedIP.com  9. Statement and signature. To the best of my moviedge and belief, the foregoing information is true and correct and any attached copy is a rue copy of the original document.  DENNIS M. DE GUZMAN Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 6	3.			
Government Interest Assignment Executive Order 9424, Confirmatory License Other  This document is being filed together with a new application.  A. Patent Application No(s). 10/924,740  Additional numbers attached?  Additional numbers attached?  B. Patent No(s).  Additional numbers attached?  Additional number of applications and patents involved  Total number of applications and patents involved  Total fee (37 CFR 1.21(h) & 3.41):  Authorized to be charged by credit card.  Authorized to be charged by credit card.  Authorized to be charged to deposit account.  Enclosed None required (government interest not affecting fittle)  State: WA ZIP: 98104-7092 Phone Number: 206-622-4900 Fax Number: 206-622-4900 Fax Number: 206-682-6031 Email Address: dennisd@SeedIP.com Authorized User Name Dennis M. de Guzman  Street Address: To the best of my movivedge and belief, the fgregoling information is true and correct and any attached copy is a true copy of the original document.  DENNIS M. DE GUZMAN Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document:  8 Additional names & addresses attached?  Yes No  No  Additional names & addresses attached?  Yes No  Additional names & addresses attached?  Yes No  No  No  Additional names & addresses attached?  Yes No  No  No  Additional names & addresses attached?  Yes No  No  No  Additional names & addresses attached?  Yes No  No  No  Additional names & addresses attached?  Yes No  No  No  Additional			State:	
Executive Order 9424, Confirmatory License   Additional names & addresses attached?   Yes   No			Country: THE BAHAMAS Zip	
City: Seattle State: WA ZIP: 98104-7092 Phone Number: 206-682-4900 Phone Number: 206-682-4900 Fax Number: 206-682-6031 Email Address: dennisd@SeedIP.com  State: WA ZIP: 98104-7092 Phone Number: 206-682-6031 Email Address: dennisd@SeedIP.com  State: wo dennisd@SeedIP.com  State: wo dennisd@SeedIP.com  State: dennisd de Guzman  State: dennisd to be charged to deposit account.  Dennis M. De Guzman  State: dennisd to be charged to deposit account.  Dennis M. De Guzman  State: dennisd to be charged to deposit account.  B. Dennis dennisd to be charged to deposit account.  B. Dennis dennisd to be charged to deposit account.  B. Dennis dennisd to be charged to deposit account.  B. Dennis dennisd to be charged to deposit account.  B. Dennis dennisd to be charged to deposit account.  B. Dennis dennisd to be charged to deposit account.  B. Dennis dennisd to be charged to dennisd t		<u>-</u>		
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Internal Address:DENNIS M. DE GUZMAN	5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved1	
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City: Seattle  State: WA ZIP: 98104-7092		Internal Address: <u>DENNIS M. DE GUZMAN</u>	Authorized to be charged by credit card.	
City: Seattle  State: WA ZIP: 98104-7092		Street Address: 701 Fifth Avenue, Suite 6300	_	
State: WA ZIP: 98104-7092 affecting title)  Phone Number: 206-622-4900  Fax Number: 206-682-6031 a. Credit Card Last 4 Numbers Expiration Date Email Address: dennisd@SeediP.com b. Deposit Account Number 191090 Authorized User Name Dennis M. de Guzman  9. Statement and signature. To the best of my prowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  DENNIS M. DE GUZMAN Name of Person Signing Signature Date  Total number of pages including cover sheet, attachments, and document: 8		City: Seattle		
Fax Number: 206-682-6031 a. Credit Card Last 4 Numbers Expiration Date  Email Address: dennisd@SeedIP.com  Button Deposit Account Number 191090  Authorized User Name Dennis M. de Guzman  9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  DENNIS M. DE GUZMAN  Name of Person Signing  Signature  Total number of pages including cover sheet, attachments, and document: 8		State: <u>WA</u> ZIP: <u>98104-7092</u>	affecting title)	
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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450
OMB No. 0651-0011 (exp 6/30/05) - Docket No. 930114.421

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**PATENT** 

**REEL: 015425 FRAME: 0289** 

## ASSIGNMENT

WHEREAS, we, Gamze Seckin, Raghavendra C. Nagaraj, Lalit Sarna, Alan Tseng, Jayank M. Bhalod, and Yanda Ma (hereinafter referred to as ASSIGNORS), having post office addresses of 17776 NE 90<sup>th</sup> Street S291, Redmond, Washington 98052; 9040 E. Shorewood Drive #299, Mercer Island, Washington 98040; 1931 California Street, #1, Mountain View, California 94040; 208 San Pedro Circle, San Jose, California 95110; 12243 NE 131<sup>st</sup> Way #C204, Kirkland, Washington 98034; and 9315 138<sup>th</sup> Court NE, Redmond, Washington 98052; respectively, are the listed inventors/applicants of the provisional patent application entitled "QUALITY OF EXPERIENCE (QOE) METHOD AND APPARATUS FOR WIRELESS COMMUNICATION NETWORKS," as filed with the U.S. Patent and Trademark Office on August 23, 2004, and assigned Application No. 10/924,740; and for which an application was filed on August 23, 2004 with the U.S. Receiving Office of the PCT and assigned Application No. PCT/US 2004/27618. These applications claim the benefit of U.S. Provisional Application Nos. 60/497,447, filed on August 21, 2003 and 60/539,536, filed on January 26, 2004.

WHEREAS, Vidiator Enterprises Inc. (hereinafter referred to as ASSIGNEE), a corporation of the country of Bahamas having a place of business at P.O. Box CB-12751, Nassau, New Providence, Bahamas, is desirous of acquiring the entire right, title and interest in and to the provisional patent application and in and to any letters patent(s) that claim the priority benefit of the provisional patent application in the United States and in any and all foreign countries:

NOW, THEREFORE, for valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said provisional patent application and the invention(s) disclosed therein, and any and all letters patent(s) which claim priority to said provisional application and any and all letters patent(s) which claim the invention(s) disclosed therein and which may be granted in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States provisional application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, provisional application and all letters patent(s) on said invention or claiming priority to said provisional application to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit as fully

Application No. 10/924,740

and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

This assignment is made effective as of August 23, 2004.

December 3, 2004	ayure.	
Date	Gamze Seckin	
State of		
County of	) \$5. )	

I certify that I know or have satisfactory evidence that Gamze Seckin is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated		_		
Signature of Notary Public			 	
Printed Name			 	
My appointment expire	es	* ***	 	

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Application No. 10/924,740

11-29-2004	ll_w_
Date	Raghavendra C. Nagaraj
State of	)
County of	) ss.
the person who appeared b	know or have satisfactory evidence that Raghavendra C. Nagaraj is efore me, and said person acknowledged that he signed this it to be his free and voluntary act for the uses and purposes
1	Dated
	Signature of Notary Public
I	Printed Name
1	My appointment expires
Date	Lalit Sarna
State of	
County of	) ss. )
who appeared before me, and	mow or have satisfactory evidence that Lalit Sarna is the person said person acknowledged that he signed this instrument and and voluntary act for the uses and purposes mentioned in the
D	eated
S N	ignature of otary Public
	rinted Name
	ly appointment expires

Application No. 10/924,740

Date	Raghavendra C. Nagaraj
State of	
County of	) ss.
the person who appear	hat I know or have satisfactory evidence that Raghavendra C. Nagaraj is red before me, and said person acknowledged that he signed this ledged it to be his free and voluntary act for the uses and purposestent.
	Dated
	Signature of Notary Public
	Printed Name
	My appointment expires
2 9   0 2     Date       State of  County of	
I certify t	that I know or have satisfactory evidence that Lalit Sarna is the person
who appeared before n	ne, and said person acknowledged that he signed this instrument and his free and voluntary act for the uses and purposes mentioned in the
	Dated
	Signature of Notary Public
	Printed Name
	My appointment expires

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Application No. 10/924,740

Date 12/2/2004	Alan Tsena
State of	( )
County of	
who appeared before me, a	I know or have satisfactory evidence that Alan Tseng is the person and said person acknowledged that he signed this instrument and the and voluntary act for the uses and purposes mentioned in the
	Dated
	Signature of Notary Public
	Printed Name
	My appointment expires
Date	Jayank M. Bhalod
State of	)
County of	) ss.
person who appeared before	know or have satisfactory evidence that Jayank M. Bhalod is the me, and said person acknowledged that he signed this instrument free and voluntary act for the uses and purposes mentioned in the
	Dated
	Signature of Notary Public
	Printed Name
	My appointment expires

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Application No. 10/924,740

Dete	
Date	Alan Tseng
State of	
County of	) ss. )
who appeared before	y that I know or have satisfactory evidence that Alan Tseng is the person me, and said person acknowledged that he signed this instrument and e his free and voluntary act for the uses and purposes mentioned in the
	Dated
	Signature of Notary Public
	Printed Name
	My appointment expires
12/02/2004 Date State of	Jayank M. Bhalod
County of	
I certify person who appeared	that I know or have satisfactory evidence that Jayank M. Bhalod is the before me, and said person acknowledged that he signed this instrument be his free and voluntary act for the uses and purposes mentioned in the
	Dated
	Signature of Notary Public
	Printed Name
	My appointment expires

**RECORDED: 12/03/2004** 

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Application No. 10/924,740

11-29-04 Date		Yanda Ma	And the second s	
State of	)		٠	
County of	) 5:	5.		
who appeared before me, as	nd said perso	on acknowledged t	lence that Yanda Ma is the pers hat he signed this instrument a ses and purposes mentioned in t	ınd
	Dated	<del> </del>		
	Signature of Notary Publi			
	Printed Name	e	····	
	My appointm	nent expires		
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