PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the ASSIGNEE NAME previously recorded on Reel 023766 Frame 0149. Assignor(s) hereby confirms the ASSIGNMENT. ASSIGNEE NAME SHOULD READ ONLY: AT&T INTELLECTUAL PROPERTY I, L.P.

CONVEYING PARTY DATA

Name	Execution Date
JACOBUS VAN DER MERWE	12/11/2009
ALEXANDRE GERBER	12/14/2009
KADANGODE RAMAKRISHNAN	12/11/2009

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, 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:	12638643

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: 9163413504 **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

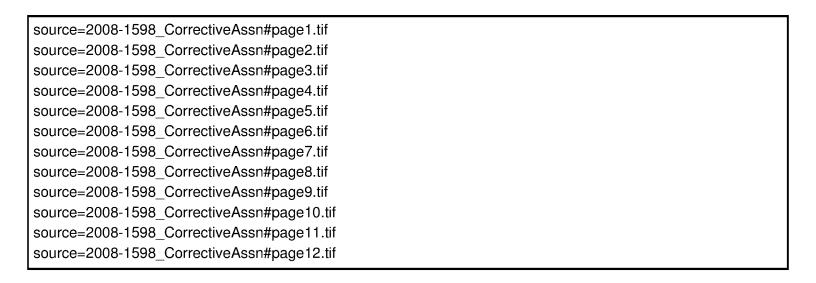
ATTORNEY DOCKET NUMBER:	2008-1598
NAME OF SUBMITTER:	JEANNE PANIAGUA
SIGNATURE:	/Jeanne Paniagua/
DATE SIGNED:	08/16/2019
	•

Total Attachments: 12

PATENT REEL: 050078 FRAME: 0622

EPAS ID: PAT5672330

505625527



PATENT REEL: 050078 FRAME: 0623

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jacobus Van Der Merwe	12/11/2009
Alexandre Gerber	12/14/2009
Kadangode Ramakrishnan	12/11/2009

RECEIVING PARTY DATA

Name:	AT&T Intellectual Property I, L.P., a Nevada Partnership
Street Address:	645 E. Plumb Lane
City:	Reno
State/Country:	NEVADA
Postal Code:	89502

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12638643

CORRESPONDENCE DATA

Fax Number: (312)580-9696

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3125801020

Email: mhanley@hfzlaw.com

Correspondent Name: Hanley, Flight & Zimmerman, LLC

Address Line 1: 150 S. Wacker Drive

Address Line 2: Ste. 2100

Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	20103/2008-1598
NAME OF SUBMITTER:	Mark G. Hanley

Total Attachments: 10

source=Executed_Assignment_VDM#page1.tif

501063082

PATENT REEL: 023766 FRAME: 0149 PATENT

REEL: 050078 FRAME: 0624

source=Executed_Assignment_VDM#page2.tif source=Executed_Assignment_VDM#page3.tif source=Executed_Assignment_Gerber#page1.tif source=Executed_Assignment_Gerber#page2.tif source=Executed_Assignment_Gerber#page3.tif source=Executed_Assignment_KK#page1.tif source=Executed_Assignment_KK#page2.tif source=Executed_Assignment_KK#page3.tif source=Assignment_Transmittal#page1.tif

> PATENT REEL: 023766 FRAME: 0150 PATENT

REEL: 050078 FRAME: 0625

ASSIGNMENT

WHEREAS, Jacobus Van Der Merwe, a citizen of South Africa, residing at 8 William Street, New Providence, NJ 07974, U.S.A; Alexandre Gerber, a citizen of France, residing at, 31 Greenwood Avenue, Madison, NJ 07940, U.S.A.; and Kadangode Ramakrishnan, a citizen of the United States of America, residing at 9 Highland Circle, Berkeley Heights, NJ 07922, U.S.A.; and hereinafter called the "Assignor," has made the invention described in the United States patent application entitled "Methods and Apparatus to Communicatively Couple Virtual Private Networks to Virtual Machines Within Distributive Computing Networks", Attorney Docket No. 2008-1598, for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; and

WHEREAS, AT&T INTELLECTUAL PROPERTY I, 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 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 therefore 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 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.

1-11,			
Name of Inventor:	Jacobus V	an Der Merwe	
Signature of Inventor:	Aut	rlive	
Date: .	Dec	11/2009.	
Witnesses fo	r Inventor		
First Witness	;;	Jeffry Com- Signature / Date	Dec 11/2019
		TEFEREY ERMAN Full Name (printed)	
Second Witn	ess:	Signature / Date	DEC 11/2009
		HIREN . SHAH Full Name (printed)	
Name of Inventor:	<u>Alexandre (</u>	Gerber	
Signature of Inventor:			
Date:	·	·	
Witnesses fo	<u>r Inventor</u>		
First Witness	, ,		
		Signature / Date	
		Full Name (printed)	
Second Witne	9 ss :		***
		Signature / Date	
		Full Name (printed)	

Name of Inven	tor:	Kadangode	Ramakris	shnan	
Signature of In	ventor:				
Date:					
	Witnesses for I	nventor			
	First Witness:			Signature / Date	
				Full Name (printed)	
	Second Witnes	SS:		Signature / Date	
				Full Name (printed)	

ASSIGNMENT

WHEREAS, Jacobus Van Der Merwe, a citizen of South Africa, residing at 8 William Street, New Providence, NJ 07974, U.S.A; Alexandre Gerber, a citizen of France, residing at, 31 Greenwood Avenue, Madison, NJ 07940, U.S.A.; and Kadangode Ramakrishnan, a citizen of the United States of America, residing at 9 Highland Circle, Berkeley Heights, NJ 07922, U.S.A.; and hereinafter called the "Assignor," has made the invention described in the United States patent application entitled "Methods and Apparatus to Communicatively Couple Virtual Private Networks to Virtual Machines Within Distributive Computing Networks", Attorney Docket No. 2008-1598, for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; and

WHEREAS, AT&T INTELLECTUAL PROPERTY I, 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 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 therefore 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 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 Inventor:	Jacobus Van Der Merwe			
Signature of Inventor:				
Date:				
Witnesses for				
First Witness:	Dan Pet 12/ Signature / Date			
Conond Withou	Full Name (printed)			
Second Witne	SS: Signature / Date			
	Full Name (printed)			
Name of Inventor:	Alexandre Gerber			
Signature of Inventor:				
Date:	12/14/2003			
Witnesses for	Inventor			
First Witness:	Dan Pei 12/14/2009 Signature / Date			
Second Witnes	Dan Pei Full Name (printed) Rh WWW Signature / Date GIRITHARAM RANA 12/14/09			
	Full Name (printed)			

Name of Inventor:	<u>Kadangode</u>	e Ramakrishnan	r.
Signature of Inventor:			
Date:			
Witnesses for Inventor			
First Witnes	ss:		
		Signature / Date	
		Full Name (printed)	
Second Wit	ness:		
		Signature / Date	
		Full Name (printed)	

ASSIGNMENT

WHEREAS, Jacobus Van Der Merwe, a citizen of South Africa, residing at 8 William Street, New Providence, NJ 07974, U.S.A; Alexandre Gerber, a citizen of France, residing at, 31 Greenwood Avenue, Madison, NJ 07940, U.S.A.; and Kadangode Ramakrishnan, a citizen of the United States of America, residing at 9 Highland Circle, Berkeley Heights, NJ 07922, U.S.A.; and hereinafter called the "Assignor," has made the invention described in the United States patent application entitled "Methods and Apparatus to Communicatively Couple Virtual Private Networks to Virtual Machines Within Distributive Computing Networks", Attorney Docket No. 2008-1598, for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; and

WHEREAS, AT&T INTELLECTUAL PROPERTY I, 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 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 therefore 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 patents defined above; to have and extensions of any of the patent applications and 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 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.

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 Inventor:

Jacobus Van Der Merwe

	adconds van Der Merwe
Signature of Inventor:	
Date:	
Witnesses for	Inventor
First Witness:	
	Signature / Date
	Full Name (printed)
Second Witnes	ss:
	Signature / Date
	Full Name (printed)
Signature of Inventor:	Alexandre Gerber
Date:	
Witnesses for Inv	ventor
First Witness:	
	Signature / Date
	Full Name (printed)
Second Witness:	
	Signature / Date
	Full Name (printed)

PATENT REEL: 050768 FRANTE: 0668

Name of Inventor:	Kadangode Ramakrishpan
Signature of Inventor:	Hoallo
Date:	Ac 11, 2009
Witnesses for I	nventor
First Witness:	- the 12/11/09
	Signature / Date
	EEE BRESLAY Full Name (printed)
Second Witnes	
	Are an Shaikh Full Name (printed)

Attorney Docket No.: 20103/2008-1598

PATENTS ONLY To the Honorable Commissioner of

Patents and Trademarks:

Please record the attached original

document or copy thereof.

1. Name of party or parties conveying an interest:	2. Name and address of party or parties receiving an interest:	
Jacobus Van Der Merwe (December 11, 2009) Alexandre Gerber (December 14, 2009) Kadangode Ramakrishnan (December 11, 2009)	Name: AT&T Intellectual Property I., L.P. A Nevada Partnership 645 E. Plumb Lane Reno, Nevada 89502	
3. Description of the interest conveyed:	Other:	
X Assignment		
Merger		
Change of NameSecurity Agreement		
Execution Dates: December 11, 2009, December 14, 2009		
4. Application number(s) or patent number(s). Additional sheet attached? YES NO_X	If the document is being filed together with a new application, the execution date of the application is:	
A. Patent Application no.(s): 12/638,643 filed December 15, 2009	B. Patent no.(s):	
5. Name and address of party to whom correspondence concerning this cover sheet should be mailed:	6. Number of applications and/or patents identified on this cover sheet: 1	
	7. Amount of fee enclosed or authorized to be	
The address associated with	charged: \$40.00	
USPTO Customer Number 83417	#0.00 	
	8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 50-2455	

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document. I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

Date: January 12, 2010 /Mark G. Hanley/ Mark G. Hanly

Mark G. Hanly

Registration No.: 44,736

PATIENT REEL: 0500768 FRANCE: 06950

RECORDED: 08/12/2019