PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John Alson Hicks Ph.D	10/02/2009
Nicholas S. Huslak Ph.D	10/07/2009
James Aromando	10/09/2009
Michael D. Cercena	10/09/2009
Francis John Connell	10/02/2009
Mark W. Mueller	10/13/2009
Deva-Datta Sharma	10/09/2009
J. Kirk Shrewsbury	10/02/2009

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:	12579436

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 2008-1900

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NAME OF SUBMITTER:	Scott P. Zimmerman	
Total Attachments: 9		
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PATENT REEL: 023382 FRAME: 0182

ASSIGNMENT

THIS ASSIGNMENT, made by John Alson Hicks III, Ph.D., Nicholas S. Huslak, Ph.D., James Aromando, Michael D. Cercena, Francis John Connell, Mark W. Mueller, Deva-Datta Sharma, and J. Kirk Shrewbury;

WITNESSETH: That,

WHEREAS, we are the sole inventors of certain new and useful improvements in communications and in alarm systems for which an application is being filed in the United States Patent and Trademark Office. We hereby authorize and request Scott P. Zimmerman, PLLC to file this Assignment concurrently with the application; and

WHEREAS, AT&T Intellectual Property I, L.P., a Corporation of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, NV 89502, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

I further covenant and agree to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREO	F, I have l	hereunto set	my hand and s	eal on th	is Z day	of
	Jel	John Also	n Hicks III, Ph	.D.	(Signature)	

STATE OF Jeague) ss COUNTY OF Fulmi)

Notary Public

My Commission Expires:

MY COMM. EXP. JUNE 3, 2013

Page 2 of 9

in witness whi October , 2009.	EREOF, I have	hereunto set my	hand and seal on th	nis <u>07th day</u> o	f
	7	Nicholas S. F	Justek, Ph.D. Justak, Ph.D.	_ (Signature)	
STATE OF Lengia COUNTY OF Fuffen) ss:				
COUNTY OF Fullen)				
Before me personal	ly appeared the	person describe	d in and who execu	ted the foregoing	3
instrument, and s/he acknow	wledged to me t	hat s/he execute	d the same for the p	ourposes therein	•
stated, this day of _				11211. 1211.	ARY GASS
	_	Joseph North	Manny Public		PLANT
SEAL My Commission Expires:	1-4-2013	•	, i delle		
way Commission Expires	1 20/3		-	This is	DUNT

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this
STATE OF NEW YORK COUNTY OF West herter
Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this
SEAL My Commission Expires: D 14 10 14 16 14 16 16 16 16 16

in witness wher October 2009.	REOF, I have hereunto set my hand and se	eal on this <u>9th</u> day of
	Michael D. Cercena	(Signature)
STATE OF De laware)) ss: (4_	
Before me personally	appeared the person described in and wh	o executed the foregoing
instrument, and s/he acknow stated, this day of	ledged to me that s/he executed the same	for the purposes therein
	Or E. A	ecla
	Notary Public	
SEAL My Commission Expires:		
	LORI E HECKLE NOTARY PUBLIC STATE OF DELAWARE My Commission Expires November 23, 2009	

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 2 day of
OCTOBER, 2009.
Francis John Connell
STATE OF New Jersey)
STATE OF New Jersey) ss: COUNTY OF Hunterdon
Before me personally appeared the person described in and who executed the foregoing
instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this

SEAL

My Commission Expires:

Ballara Thurgare and Notary Public March 21, 2012

BARBARA THURGARLAND NOTARY PUBLIC OF NEW JERSEY My Commission Expires March 21, 2012

IN WITNESS WHERE	OF, I have hereunto set my hand and seal on this 13 day of
October, 2009.	
	Mak W. Mulls (Signature)
	Mark W. Mueller

STATE OF THE GUES) SS COUNTY OF MANUEL)

SEAL - ? My Commission Expires: _ 20/3

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this	day of

Deva-Datta Sharma (Signature)

COUNTY OF CONTY CUSTOL

Notary Public

SEAL

My Commission Expires: 31 May 2012



IN WITNESS WHE	REOF, I have hereunto set my hand and seal on this _O > day of
	J. Kirk Shrewsbury (Signature)
STATE OF GEORGIA)) ss:
COUNTY OF FULTON)
Before me personal	y appeared the person described in and who executed the foregoing
instrument, and s/he acknow	wledged to me that s/he executed the same for the purposes therein
stated, this day of _	OCtober, 2009. Notary Public
SEAL My Commission Expires: _	•