PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen C. North	06/14/2012
John F. Murray	06/14/2012
Christopher W. Rice	06/12/2012
Shankar Krishnan	06/12/2012

RECEIVING PARTY DATA

Name:	AT&T Intellectual Property I, LP
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:	13527774

CORRESPONDENCE DATA

Fax Number: (847)510-0710

Email: docketing@gmgip.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: AT&T LEGAL DEPARTMENT - GMG ATTN: PATENT

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Address Line 4: BEDMINSTER,, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	7785-0923
NAME OF SUBMITTER:	Douglas Schnabel

PATENT REEL: 028411 FRAME: 0157 1352777

501962333 REEL:

Total Attachments: 5

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PATENT REEL: 028411 FRAME: 0158

ASSIGNMENT

WHEREAS, AT&T Intellectual Property I, LP, a corporation organized and existing under and by virtue of the laws of the State or Nevada, having a place of business at 675 W. Peachtree Street, Suite 4000, Atlanta, GA 30375, 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, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which by the Assignor(s) from the Assignee is hereby acknowledged, the Assignor(s) 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 Assignor(s) hereby covenant and agree, for both the Assignor(s) and the Assignor(s)' legal representatives, that the Assignor(s) 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(s) will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignor(s) authorize the Assignee, any agent of the Assignee, and any attorney of the Assignee to fill in the U.S. Application Serial No. above, and any further identification information, if required.

AND said Assignor(s) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

PATENT REEL: 028411 FRAME: 0159 2011-0751 7785-0923

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

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

Stephen C Vor	H_
Stephen C. North	Date
STATE OF NJ COUNTY OF UNION) ss

June	The for 2012,	regoing instrument was sworn to and subscribed before me this, by Stephen Charles North, who is:	<u>14</u>	day of
5	\mathbf{x}	personally known to me; or		
Ε		produced identification; identification type:		

Notary Sygnature

Print, type or stamp name of notary

INGRID FILANNINO ID # 2226569 NOTARY PUBLICOF NEW JERSEY Commission Expires 6/15/2014 2011-0751_7785-0923

John F. Murray	
STATE OF) SS
COUNTY OF WILLOW)

<u>Jure</u>	The foregoing instrument was sworn to and subscribed before me this $ ot p$ 2012, by John F. Murray, who is:	<u>/ 4</u> day	of
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personally known to me; or

	produced identification; identification type:
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Notary Signature Print, type or stamp name of notary

INGRID FILANNINO ID # 2226569 NOTARY PUBLIC OF NEW JERSEY Commission Expires 6/15/2014

2011-0751_7785-0923

	6/12/2012
Christopher W. Rice	Date

STATE OF NEW JERSEY SECOUNTY OF MORRIS UNION

June	The for _ 2012,	regoing instrument was sworn to and subscribed before me this 12^{-11} day of by Christopher W. Rice, who is:
		personally known to me; or

produced identification; identification type:	
Droduced Identification: Identification type:	

Motary Signature

Print, type or stamp name of notary

INGRID FILANNINO
ID # 2226569
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/15/2014

2011-0751_7785-0923

Shankar Kris	Shankar 6/12/12 Shnan Date			
STATE OF	NJ ss Unión			
The foregoing instrument was sworn to and subscribed before me this 12 day of 2012, by Shankar Krishnan, who is:				
\bowtie	personally known to me; or			
	produced identification; identification type:			

Motary/Signature

INGRID FILANNINO
ID # 2226569
NOTARY PUBLICOF NEW JERSEY
Commission Expires 6/15/2014

Print, type or stamp name of notary