PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT BENNETT	07/13/2016
PAUL SHALA HENRY	07/13/2016
IRWIN GERSZBERG	07/13/2016
FARHAD BARZEGAR	07/13/2016
DONALD J. BARNICKEL	07/13/2016
THOMAS M. WILLIS III	07/13/2016

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.
Street Address:	675 WEST PEACHTREE STREET
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30308

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16159954

CORRESPONDENCE DATA

Fax Number: (888) 456-7824

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.

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ktaylor@texaspatents.com Email: **Correspondent Name: GARLICK & MARKISON**

Address Line 1: 106 E. 6TH STREET, SUITE 900

Address Line 4: AUSTIN, TEXAS 78701

NAME OF SUBMITTER:	BRUCE E. STUCKMAN
SIGNATURE:	/Bruce E. Stuckman/
DATE SIGNED:	10/16/2018

Total Attachments: 8

PATENT REEL: 047172 FRAME: 0675

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PATENT REEL: 047172 FRAME: 0676

ASSIGNMENT

WHEREAS We, ROBERT BENNETT, residing at 1540 North Bayview Rd EXT. Southold, NY 11971, and PAUL SHALA HENRY, residing at 7 Crow Field Lane, Holmdel, NJ 07733, and IRWIN GERSZBERG, residing at 12 Dickinson Road, Kendall Park, NJ 08824, and FARHAD BARZEGAR, residing at 14 Farrington Lane, Branchburg, NJ 08876, and DONALD J BARNICKEL, residing at 3 Wells Road, Flemington, NJ 08822, and THOMAS M. WILLIS III, residing at 10 Beverly Court, Tinton Falls, NJ 07724, hereinafter referred to as Assignor, am listed as an inventor on a patent application entitled REPEATER AND METHODS FOR USE THEREWITH; having AT&T Docket No. 2015-0200 CIP, the patent application filed on June 10, 2016, assigned U.S. Patent Application Serial No. 15/179,224, in the United States Patent & Trademark Office; and

WHEREAS, AT&T Intellectual Property I, LP, a Partnership organized and existing under the laws of Nevada and having an address at 675 W. Peachtree Street, Suite 4000, Atlanta, GA 30308, (hereinafter referred to as 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 thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged. I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; 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, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and air official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I \$\frac{1}{2}\text{1}\$, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do some, without compensation, but at the expense of Assignee or its representatives.

Page 1 of 8

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Intellectual Property I, LP to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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, I have hereunto set my hand the ROBERT B	nis 13 day of 5414, 2016.
State of New Sursey	
County of Monmorth)	
On this 13 day of July	2016, before me a Notary Public in and
for the above County and State, personally appeared	
Kobert Bennett . and acknow	owledged the execution of the foregoing
assignment as his/her free act and deed for the purpose herein s	set forth.
Mancy O. Hendoson	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY
Notary Public My Commission Expires:	I.D. # 50027401 My Commission Evolves 12/1/2020

IN TESTIMONY WHEREOF, I have hereunto	PAUL SHALA HENRY
State of New Street	
On this	, and acknowledged the execution of the foregoing
Mary Public My Commiss	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 ion Expires: My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I	have hereunto set my hand	this 13 day of $39/4$, 2016.
	nawak gi	ERSZBERG -
State of New Sersey)	
County of Monmoute))	
On this 13 day of _ for the above County and State, pe		, 2016, before me a Notary Public in and
Tiwin Accopbergassignment as his/her free act and	, and ack	nowledged the execution of the foregoing set forth.
Marry O. Hende Bon Notary Public	My Commission Expires:	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027481 My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I have he	reunto set my hand this 13th day of July , 2016. May had Day 4 FARHAD BARZEGER
State of NOW Selection (County of Monmouth)	
On this 13 day of JU	
assignment as his/her free act and deed for	the purpose herein set forth.
My Co	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY J.D. # 50027401 Ny Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I have hereunto set my had DONAL	nd this 13 day of Jucy, 2016. What Burnicles D JBARNICKEL
State of New Sersey, County of Monmouth,	
On this 13 day of 3014 for the above County and State, personally appeared	, 2016, before me a Notary Public in and
Donald J. Barnichel, and a	acknowledged the execution of the foregoing
assignment as his/her free act and deed for the purpose here Ancy O. Herbergon	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY
Notary Public My Commission Expire	i.D. # 50027401 My Commission Expires 12/1/2020

IN TESTIMONY WHEREOF, I	have hereunto set my hand THOMAS	this 13 day of July, 20 mas M. Willis III)16.
State of NW Sersey County of Monmouth)		
On this 13 day of for the above County and State, pa	Suly ersonally appeared	_, 2016, before me a Notary Public in	
assignment as his/her free act and	nd.	knowledged the execution of the foreg	going
Mary Public Notary Public	My Commission Expires.	NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 My Commission Expires 12/1/2020	