505512628 06/06/2019

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| PAUL SHALA HENRY | 11/29/2016 |
| ROBERT BENNETT | 11/29/2016 |
| IRWIN GERSZBERG | 11/29/2016 |
| FARHAD BARZEGAR | 11/29/2016 |
| DONALD J. BARNICKEL | 12/03/2016 |
| THOMAS M. WILLIS III | 11/29/2016 |

RECEIVING PARTY DATA

| Name: | AT&T INTELLECTUAL PROPERTY I, L.P. | |
|-----------------|---------------------------------------|--|
| Street Address: | 675 WEST PEACHTREE STREET, SUITE 4000 | |
| City: | ATLANTA | |
| State/Country: | GEORGIA | |
| Postal Code: | 30308 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16433284 |

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.

Phone: (512)480-2220

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

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Address Line 4: AUSTIN, TEXAS 78701

| NAME OF SUBMITTER: | BRUCE E. STUCKMAN | |
|--------------------|---------------------|--|
| SIGNATURE: | /Bruce E. Stuckman/ | |
| DATE SIGNED: | 06/06/2019 | |

Total Attachments: 8

PATENT REEL: 049395 FRAME: 0844

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PATENT REEL: 049395 FRAME: 0845

ASSIGNMENT

WHEREAS We, PAUL SHALA HENRY, residing at 7 Crow Field Lane, Holmdel, NJ 07733, and ROBER?

BENNETT, residing at 1540 North Bayview Rd EXT, Southold, NY 11971, 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 IV, residing at 10 Beverly Court, Tinton Falls, NJ 07724, hereinafter referred to as Assignor, am listed as an inventor on a patent application entitled METHOD AND REPEATER FOR BROADBAND DISTRIBUTION; having AT&T Docket No. 2016-0761, US Patent Application Serial no. 15/371,299, for a full description of which reference is here made to an application for Letters Patent of the United States; and

WHEREAS, AT&T Intellectual Property 1, L.P., 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 to 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 any 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; Assignor also authorizes 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;

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AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, 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 same, without compensation, but at the expense of Assignee or its representatives.

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, L.P. 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 this $\frac{29^{12}}{100}$ day of $\frac{100^{12}}{100}$

PAUL SHALA HENRY

State of New Sersey)
County of Monmouta

On this <u>29</u> day of <u>November</u>, 2016, before me a Notary Public in and

for the above County and State, personally appeared

Haul Shala Hencel, and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

My Commission Expires:

NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 My Commission France 120020

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of 1/20, 2016

ROBERT BENNETT

State of New Yersey)
County of Mongorush)

On this Aday of No Venu Local , 2016, before me a Notary Public in and

for the above County and State, personally appeared

KOpert Bennett, and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

My Commission Expires:

NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 My Commission Evolute 12/1/2020

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of NOV _____, 2016.

IRWIN GERSZBERG

State of New Strate

County of Monmon (R)

On this day of Novembee, 2016, before me a Notary Public in and

for the above County and State, personally appeared

and acknowledged the execution of the foregoing, and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

tary Public : My Commission Expires:

NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 My Commission Evident 128/2020

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of Wovember, 2016.

FARHAD BARZE

County of Monmouth

On this Og day of Novel On this Og day of Notary Public in and

for the above County and State, personally appeared

and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

My Commission Expires:

NANCY A. HENDERSON NOTARY PUBLIC OF NEW JERSEY I.D. # 50027401 My Commission Expires 12/1/2020

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 and any of 2016.

DONALD J. BARNICKEL

State of <u>NEW JERSEY</u>)
County of <u>HUNTERDON</u>

On this 3rd day of DECEMBER, 2016, before me a Notary Public in and

for the above County and State, personally appeared

DONALD J. BARNICKEL , and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

ANSTA WEINGART

Notary Public

My Commission Expires:

ANITA WEINGART NOTARY PUBLIC OF NEW JERSEY My Commission Expires 7/18/2017

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of Worlewber, 2016.

THOMAS M. WILLIS III

State of Res OUTSELL)
County of Monmouse()

On this Q day of Noter to 2016, before me a Notary Public in and

for the above County and State, personally appeared

Thomas M Willis III and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

i.D. # My Commission

NANCY A. HENDERSON

My Commission Expires:

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