

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4460140

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUANG LOU	12/12/2008
NEALE C. HIGHTOWER	12/15/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T INTELLECTUAL PROPERTY I, L.P.
<b>Street Address:</b>	675 W. PEACHTREE STREET
<b>Internal Address:</b>	SUITE 4000
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30308
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15622636
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)213-1120
<i>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.</i>	
<b>Phone:</b>	512-213-0207
<b>Email:</b>	ppepitone@atxiplaw.com
<b>Correspondent Name:</b>	ZAGORIN CAVE LLP
<b>Address Line 1:</b>	11675 JOLLYVILLE ROAD
<b>Address Line 2:</b>	SUITE 100
<b>Address Line 4:</b>	AUSTIN, TEXAS 78759
<b>ATTORNEY DOCKET NUMBER:</b>	2007-1477 CON/037-0104-2
<b>NAME OF SUBMITTER:</b>	PEGGY S. PEPITONE
<b>SIGNATURE:</b>	/Peggy S. Pepitone/
<b>DATE SIGNED:</b>	06/14/2017
<b>Total Attachments: 6</b>	
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## ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,  
I, an ASSIGNOR named below,

Yuang Lou of Dunwoody, GA  
Neale C. Hightower of Decatur, GA

hereby sell, assign and transfer to

ASSIGNEE: AT&T Intellectual Property I, L.P., a limited partnership, having a  
place of business at 645 E. Plumb Lane, Reno, NV, 89502

its successors, assigns and legal representatives, my entire right, title and interest throughout  
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- ☐ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on \_\_\_\_\_, or
- ☐ U.S. Provisional Application
- ☒ U.S. Application No.: 12/323,184, filed on November 25, 2008
- ☐ International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: **ADAPTIVE SINR CONTROL**, and naming as

INVENTOR(S): Yuang Lou and Neale C. Hightower

including without limitation, my entire right, title and interest in and to any and all United  
States and foreign applications (including any and all provisional, international, regional and  
foreign national applications) for said invention(s), including divisions, continuations,  
continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all  
patents of every country or region that may be granted or have been granted for said  
invention(s), including any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that  
the application number and filing date be inserted here, if not already shown above,  
(\_\_\_\_\_/\_\_\_\_\_, filed \_\_\_\_\_) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to  
claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and  
foreign applications (including international, regional, and foreign national applications), and  
generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees,  
at their request and reasonable expense, in obtaining and enforcing patents for said  
invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or  
will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S.  
Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or  
assigns.

ASSIGNMENT OF INVENTION

Executed on Dec. 12, 2008 by Yuang Lou  
Yuang Lou

----- Notary Use Below -----

**ACKNOWLEDGMENT**

State of Georgia  
County of Wilkes

On Dec 12, 2008, before me, Julia A. Oletti, personally appeared  
(Date) (Printed Name of Notary)

Yuang Lou, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Georgia that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SEAL

Julia A. Oletti  
Signature of Notary

ASSIGNMENT OF INVENTION

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Neale C. Hightower

----- Notary Use Below -----

**ACKNOWLEDGMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared  
(Date) (Printed Name of Notary)

Neale C. Hightower, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of \_\_\_\_\_  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SEAL

\_\_\_\_\_  
Signature of Notary

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I, an ASSIGNOR named below,

Yuang Lou of Dunwoody, GA  
Neale C. Hightower of Decatur, GA

hereby sell, assign and transfer to

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place of business at 645 E. Plumb Lane, Reno, NV, 89502

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the world, including all rights to claim priority, in and to the invention(s) disclosed in:

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- ☐ U.S. Patent Application executed on \_\_\_\_\_, or
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- ☒ U.S. Application No.: 12/323,184, filed on November 25, 2008
- ☐ International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: **ADAPTIVE SINR CONTROL**, and naming as

INVENTOR(S): Yuang Lou and Neale C. Hightower

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States and foreign applications (including any and all provisional, international, regional and  
foreign national applications) for said invention(s), including divisions, continuations,  
continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all  
patents of every country or region that may be granted or have been granted for said  
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I agree to execute any and all papers useful in connection with any and all United States and  
foreign applications (including international, regional, and foreign national applications), and  
generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees,  
at their request and reasonable expense, in obtaining and enforcing patents for said  
invention(s) in all countries.

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Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or  
assigns.

ASSIGNMENT OF INVENTION

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Yuang Lou

----- Notary Use Below -----

**ACKNOWLEDGMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared  
(Date) (Printed Name of Notary)

Yuang Lou, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of \_\_\_\_\_  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SEAL

\_\_\_\_\_  
Signature of Notary

ASSIGNMENT OF INVENTION

Executed on December 15, 2008 by Neale C. Hightower

Neale C. Hightower

----- Notary Use Below -----

**ACKNOWLEDGMENT**

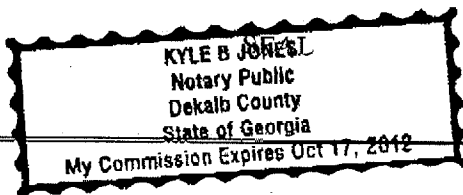
State of Georgia  
County of DeKalb

On 15 December 2008, before me, Kyle B. Jones, personally appeared  
(Date) (Printed Name of Notary)

Neale C. Hightower, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Georgia that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature of Notary