PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4835569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUSHENG JI	05/05/2011
ROBERT R. MILLER II	04/29/2011

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15902264

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ATTORNEY DOCKET NUMBER:	2010-0942CON2/ATTWP490USC	
NAME OF SUBMITTER:	ME OF SUBMITTER: THOMAS E. WATSON	
SIGNATURE:	/Thomas E. Watson/	
DATE SIGNED: 02/22/2018		

Total Attachments: 3

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> **PATENT** REEL: 045003 FRAME: 0844 504788837

2010-0942

ASSIGNMENT OF INVENTION TO AT&T INTELLECTUAL PROPERTY I, L.P.

WHEREAS, Lusheng Ji of Randolph, New Jersey; and Robert R. Miller II of Convent Stn., New Jersey; (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **CONTROL PLANE FOR SENSOR COMMUNICATION**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 2010-0942, in the patent files of AT&T INTELLECTUAL PROPERTY I, L.P., a partnership having a principal place of business at 675 W. Peachtree Street, Suite 4000, Atlanta, GA 30375.

I hereby authorize and request Turocy & Watson, LLP, to insert here in parentheses (Application No. 15/345,924 , filed 08-NOV-2016) the filing date and application number of said application when known or to file this Assignment concurrently with the application.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto AT&T INTELLECTUAL PROPERTY I, L.P. the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said AT&T INTELLECTUAL PROPERTY I, L.P. for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

2010-0942

ASSIGNMENT OF INVENTION TO AT&T INTELLECTUAL PROPERTY I, L.P.

Signed:	Date:
Landi	05/05/2011
LUSHENG JI	· · · · · · · · · · · · · · · · · · ·
CERTIFICATE O	OF ACKNOWLEDGMENT
State of Nous cross	
County of 4 CO220	
On 5/0/11 before me, Na	Robin Lodders, "Jane Doe, Notary Public")
personally appeared <u>LUSHENG JI</u> Name(s) of Signer(s)	
	_ personally known to me - OR 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
	WITNESS my hand and official seal.
	Signature of Notary Public
	NORM T SAUCES

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NOTIFIC PLEASE OF NEW JETSEY
Commission Septem 11/20/2013

2010-0942 Assignment of Invention To

AT&T INTELLECTUAL PROPERTY I, L.P.

Signed:	Date:
xout Xilin	4/29/11
ROBERT R. MILLER II	
<u>CERTIFICATE</u>	<u>OF ACKNOWLEDGMENT</u>
State of $\frac{\text{CERTIFICATE}}{\text{Yusy}}$ County of $\frac{\text{Marris}}{\text{On } 4/29///}$ before me.	
County of Marris	······································
On $4/29/11$ before me.	I SABEL M. CABRERA (ame and Title of Officer (e.g., "Jane Doe, Notary Public")
N	ame and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared ROBERT R. MILLI	ER II
Name(s) of Signer(s)	
	_ personally known to me - OR 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
	WITNESS my hand and official seal.
	Signature of Notary Public

ISABEL M. CABRERA NOTARY PUBLIC OF NEW JERSEY I.D. # 2389780 My Commission Expires 9/24/2014

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PATENT REEL: 045003 FRAME: 0847

RECORDED: 02/22/2018