

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEN GAO	07/30/2010
JIALING LI	08/03/2010
RECEIVING PARTY DATA	
Name:	THOMSON LICENSING
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City:	ISSY-LES-MOULINEAUX
State/Country:	FRANCE
Postal Code:	92130
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14535636
CORRESPONDENCE DATA	
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<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>	
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Address Line 4:	PRINCETON, NEW JERSEY 08540
ATTORNEY DOCKET NUMBER:	PU100169 US DIV
NAME OF SUBMITTER:	KATHLEEN LYLES
SIGNATURE:	/Kathleen Lyles/
DATE SIGNED:	09/09/2016
Total Attachments: 2	
source=PU100169_Assignment#page1.tif	
source=PU100169_Assignment#page2.tif	

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 2 joint inventors (if plural inventors are named below) of the
A MULTIPLE-IN-MULTIPLE-OUT ANTENNA NETWORK-CODED AMPLIFY-AND-FORWARD RELAYING SCHEME FOR
 inventions relating to **THREE NODE BIDIRECTIONAL COOPERATION**

described in an Application for Patent filed on July 29, 2010 under Serial No. PCT/US10/43655 and described in the file associated with
 Docket
 No. PU100169, listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even
 date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the
 country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any
 and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations
 and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all
 countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said
 corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal
 representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions
 in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said
 inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any
 convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which
 may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for
 patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the
 Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and
 interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at _____	Date _____
Inventor (1) <u>Jialing LI</u> (Type or Print)	_____ (Signature in Full. No initials.)
Post Office Address <u>2117 Cropsey Ave, Brooklyn, NY 11214</u>	
1st Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)
2nd Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)
Signed at <u>Princeton, NJ</u>	Date <u>7/30/2010</u>
Inventor (2) <u>Wen GAO</u> (Type or Print)	_____ (Signature in Full. No initials.)
Post Office Address <u>73 Warwick Rd, West Windsor, NJ 08550</u>	
1st Witness <u>HANK LIU</u> (Type or Print)	_____ (Signature in Full. No initials.)
2nd Witness <u>Tiffany Canvacio</u> (Type or Print)	_____ (Signature in Full. No initials.)
Signed at _____	Date _____
Inventor (3) _____ (Type or Print)	_____ (Signature in Full. No initials.)
Post Office Address _____	
1st Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)
2nd Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

Patent Operations
 THOMSON Licensing LLC
 PO Box 5312
 Princeton, NJ 08543-5312

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and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all
countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

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I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions
in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said
inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any
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interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>2117 Cropsey Ave</u>	Date	<u>08/03/10</u>
Inventor (1)	<u>Jialing Li</u> (Type or Print)	<u>Jialing Li</u> (Signature in Full. No initials.)	
Post Office Address	<u>2117 Cropsey Ave, Brooklyn, NY 11214</u>		
1st Witness	<u>Blaise Young</u> (Type or Print)	<u>Blaise Young</u> (Signature in Full. No initials.)	
2nd Witness	<u>STEPHEN TERRY</u> (Type or Print)	<u>STEPHEN TERRY</u> (Signature in Full. No initials.)	
Signed at		Date	
Inventor (2)	<u>Wen GAO</u> (Type or Print)		
Post Office Address	<u>73 Warwick Rd, West Windsor, NJ 08550</u>		
1st Witness			
2nd Witness			
Signed at		Date	
Inventor (3)			
Post Office Address			
1st Witness			
2nd Witness			

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