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Docket No.: PU090019

U.S. DEPARTMENT OF COMMERCE
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13/138385

To the Honorable Director of the United States Patent

/documents or copy thereof.

1. Name of conveying party(ies):

Mingquan WU; Han LIU;
Ishan MANDREKAR; Ramkumar PERUMANAM;
Saurabh MATHUR

Additional name(s) of
conveying party(ies)
attached: X No

2. Name and address of receiving party(ies):

Name: THOMSON Licensing
Internal Address:

Street: 46 Quai A. Le Gallo
F-92100 Boulogne-Billancourt, France

3. Nature of convenience:

X Assignment Merger
Security Agreement Change of Name
Other

Execution Date: March 6, 18, 6, 6, and 18, 2009; respectively

Additional name(s) & address(es) attached? X No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): PCT/US2009/01005

B. Patent No.(s)

Additional numbers attached?

Yes No X

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: ROBERT D. SHEDD
Internal Address: PATENT OPERATIONS
THOMSON LICENSING LLC

Street Address: P. O. Box 5312

City: PRINCETON State: NEW JERSEY Zip: 08543-5312

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
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Catherine A. Cooper

Name of Person Signing

Catherine A. Cooper

Signature - Reg. No. 40,877

9 August 2011

Date

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Docket No. PU090019

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

13/138385

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 5 joint inventors (if plural inventors are named below) of the inventions relating to DISTRIBUTED CHANNEL SELECTION METHOD FOR WIRELESS NETWORKS

described in an Application for Patent filed on February 18, 2009 under Serial No. PCT/US09/001005 and described in the file associated with Docket No. P0090019, 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	<u>Princeton, NJ, 08550</u>	Date	<u>3/6/09</u>
Inventor (1)	<u>Mingquan WU</u> (Type or Print)	<u>Mingquan Wu</u> (Signature in Full. No initials.)	
Post Office Address	<u>10 Stonelea Drive, Princeton Junction, NJ 08850, US</u>		
1st Witness	<u>Tiffany Gervasio</u> (Type or Print)	<u>Tiffany Gervasio</u> (Signature in Full. No initials.)	
2nd Witness	<u>Curtis Mooring</u> (Type or Print)	<u>Curtis Mooring</u> (Signature in Full. No initials.)	
Signed at	<u>Princeton NJ</u>	Date	<u>3/15/09</u>
Inventor (2)	<u>Hang LIU</u> (Type or Print)	<u>Hang Liu</u> (Signature in Full. No initials.)	
Post Office Address	<u>486 Keating Drive, Yardley, PA 19067, US</u>		
1st Witness	<u>Tiffany Gervasio</u> (Type or Print)	<u>Tiffany Gervasio</u> (Signature in Full. No initials.)	
2nd Witness	<u>Curtis Mooring</u> (Type or Print)	<u>Curtis Mooring</u> (Signature in Full. No initials.)	
Signed at	<u>PRINCETON, NJ</u>	Date	<u>3/6/09</u>
Inventor (3)	<u>Ishan MANDREKAR</u> (Type or Print)	<u>Ishan Mandrekar</u> (Signature in Full. No initials.)	
Post Office Address	<u>404 Harvest Lane, Monmouth Junction, NJ 08852</u>		
1st Witness	<u>Tiffany Gervasio</u> (Type or Print)	<u>Tiffany Gervasio</u> (Signature in Full. No initials.)	
2nd Witness	<u>Curtis Mooring</u> (Type or Print)	<u>Curtis Mooring</u> (Signature in Full. No initials.)	

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Princeton, NJ 08543-5312

**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
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Signed at <u>PRINCETON, NJ 08540</u>	Date <u>3.6.2009</u>
Inventor (4) <u>Ramkumar PERUMANAM</u> (Type or Print)	<u>Ramkumar Perumana</u> (Signature in Full. No initials.)
Post Office Address <u>3606 Cricket Circle, Edison, NJ 08820 USA</u>	
1st Witness <u>Tiffany Cervasio</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)
2nd Witness <u>Curtis Mooring</u> (Type or Print)	<u>Curtis Mooring</u> (Signature in Full. No initials.)
Signed at <u>PRINCETON, NJ</u>	Date <u>3/18/09</u>
Inventor (5) <u>Saurabh MATHUR</u> (Type or Print)	<u>S. Math</u> (Signature in Full. No initials.)
Post Office Address <u>1202 Pheasant Run, Monmouth Junction, NJ 08852 USA</u>	
1st Witness <u>Tiffany Cervasio</u> (Type or Print)	<u>[Signature]</u> (Signature in Full. No initials.)
2nd Witness <u>Curtis Mooring</u> (Type or Print)	<u>Curtis Mooring</u> (Signature in Full. No initials.)
Signed at _____	Date _____
Inventor (6) _____ (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.)
Signed at _____	Date _____
Inventor (7) _____ (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.)

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