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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASS	NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNM	ASSIGNMENT					
CONVEYING PARTY DATA								
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TERRY F K NGO				10/20/2015				
SEUNG BAEK YI		10/20/2015						
ERICK KURNIAWAN	10/21/2015							
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RECEIVING PARTY DATA								
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	1							
PROPERTY NUMBERS	Total: 1			_				
Property Type		N	Number					
Application Number:1572		5729900						
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DATE SIGNED:		10/11/2017	10/11/2017					
Total Attachments: 3		I						

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> PATENT REEL: 043837 FRAME: 0602

ASSIGNMENT OF INVENTION AND PATENT RIGHTS TO NETWORK PERFORMANCE RESEARCH GROUP LLC

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

<u>**Terry F K Ngo**</u> having an address of <u>2533 171st Avenue SE</u>, Bellevue, WA, <u>98008</u> ("Assignor")

Seung Baek Yi having an address of 235 Main St. Unit 4, Norwich, Vermont, 05055 ("Assignor")

Erick Kurniawan having an address of <u>1630 12th Avenue</u>, San Francisco, CA, 94122 ("Assignor")

Kun Ting Tsai having an address of <u>43281 Sweetwood Street</u>, Fremont, CA 94538 ("Assignor")

hereby sell(s), assign(s), transfer(s), and convey(s) unto Network Performance Research Group LLC, a Delaware limited liability corporation, with an address at 1550 Technology Drive, Suite 4067, San Jose, CA 95110 ("**Assignee**"), all rights, title, and interests that exist today and may exist in the future in and to any and all of the following items (1) through (9) below:

1. the inventions disclosed in the solution report/invention disclosure titled Method And Apparatus For Use Of Simultaneous Multiple Channels In The Dynamic Frequency Selection Band In Wireless Networks and all inventions claimed *and/or* described in the Application(s) (collectively, the "**Invention**");

2. any U.S., PCT, or foreign patent application(s) prepared and filed based on said solution report/invention disclosure;

3. the patent applications listed in the table below (the "**Application**") and/or filed under said Docket No. PLNTP101USA;

Patent Application No.	Country	Filing Date	Title
			METHOD AND APPARATUS FOR
			USE OF SIMULTANEOUS MULTIPLE
62/200,764	U.S.	8-4-2015	CHANNELS IN THE DYNAMIC
			FREQUENCY SELECTION BAND IN
			WIRELESS NETWORKS
			METHOD AND APPARATUS FOR
	U.S.	10-22-2015	USE OF SIMULTANEOUS MULTIPLE
14/920,568			CHANNELS IN THE DYNAMIC
			FREQUENCY SELECTION BAND IN
			WIRELESS NETWORKS
	U.S.		METHOD AND APPARATUS FOR
			USE OF SIMULTANEOUS MULTIPLE
15/729,900		10-11-17	CHANNELS IN THE DYNAMIC
			FREQUENCY SELECTION BAND IN
			WIRELESS NETWORKS

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4. all rights with respect to the Invention, including all United States patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, non-provisionals or other patent applications claiming priority rights from the Application(s) ("**Potential Patents**");

5. all reissues, reexaminations, extensions, or registrations of the Potential Patents;

6. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application(s), and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("**Foreign Rights**"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;

7. all rights to claim priority rights deriving from the Application(s);

8. all causes of action and remedies related to any or all of the Application(s), the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

9. any and all other rights and interests arising out of, in connection with, or in relation to the Application(s), the Invention, Potential Patents, and the Foreign Rights.

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor hereby authorizes, requests and grants power to Assignee and Assignee's authorized representative to insert on this Assignment the filing date(s) and Patent Application Numbers in the table above when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

Signed: Date: Terry Ngo 20 Oct 2015 Terry F K Ngo Signed: Date: Seung Bark Gi 10-20-2015 Seung Baek Yi Signed: Date: RIM 10/21/2015 Erick Kurniawan Signed: Date: Oct 20, 2015 <u>Kun Ting Tsai</u> Kun Ting Tsai