PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TERRY F K NGO	07/18/2016
SEUNG BAEK YI	07/13/2016
ERICK KURNIAWAN	07/12/2016
KUN TING TSAI	07/12/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15214437

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NAME OF SUBMITTER:	VINAY V. JOSHI
SIGNATURE:	/VINAY V. JOSHI/
DATE SIGNED:	07/19/2016

Total Attachments: 4

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PATENT 503922457 REEL: 039193 FRAME: 0163

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PATENT REEL: 039193 FRAME: 0164

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, Bellevue, WA, 98008</u> ("Assignor")

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

Erick Kurniawan having an address of 1630 12th Avenue, San Francisco, CA, 94122 ("**Assignor**")

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

hereby sell(s), assign(s), transfer(s), and convey(s) unto Network Performance Research Group LLC, a California 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. PLNTP104USA;

Patent Application No.	Country	Filing Date	Title
62/259,981	U.S.	11-25-2015	CLOUD DFS SUPER MASTER
			SYSTEMS AND METHODS
15/214 427	U.S.		CLOUD DFS SUPER MASTER
15/214,437		07-19-2016	SYSTEMS AND METHODS

- 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 Terry F K Ngo	<u>18 July 2016</u>

Signed:	Date:	
Seung Back Gi Seung Back Yi	7/13/2016	
Seung Baek Yi		
Signed:	Date:	
Erick Kurniawan		
Signed:	Date:	
Kun Ting Tsai		

 Signed:
 Date:

 Kun Ting Tsai
 7/12/2016

 Kun Ting Tsai
 7/12/2016