

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2959869

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIMITRIOS MAKRAKIS	04/25/2014
HUSSEIN T. MOUFTAH	04/25/2014
ZHIPENG WANG	04/25/2014
TIANYU DU	04/25/2014
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City:	OTTAWA
State/Country:	CANADA
Postal Code:	K1N 6N5
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14446155
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NAME OF SUBMITTER:	R. BURNS ISRAELSEN
SIGNATURE:	/R. Burns Israelsen/
DATE SIGNED:	07/30/2014
Total Attachments: 6	
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ASSIGNMENT OF PATENT RIGHTS

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

Dimitrios MAKRAKIS, having an address of 3840 Marble Canyon Cr., Ottawa, ON K1V 1P9 CANADA, and Hussein T. MOUFTAH, having an address of 22 Hackett Street, Ottawa, ON K1V 0P8 CANADA, and Zhipeng WANG, having an address of 8 Riverbrook Road, Ottawa, ON K2H 7W6 CANADA, and Tianyu DU, having an address of 938 Watson Street, Ottawa, ON K2B 6B9 CANADA (Collectively, "Assignor"),

effective as of June 5, 2013 hereby sells, assigns, transfers, and conveys unto University of Ottawa, 800 King Edward (3042) Ottawa, ON K1N 6N5 CANADA ("Assignee"), all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Rights"):

1. the inventions disclosed in the solution report/invention disclosure titled "Adaptive Preamble Padding with Retransmission Control (APPRC) to increase the resiliency of wireless sensor networks" and all inventions claimed and/or described in the Application (collectively, the "Invention");
2. the patent applications listed in the table below (the "Application");

Patent Application No.	Country	Filing Date	Title
14/446,155	US	July 29, 2014	ADAPTIVE PACKET PREAMBLE ADJUSTMENT

3. 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, or other patent applications claiming priority rights from the Application ("Potential Patents");
4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;
5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, 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;
6. all rights to claim priority rights deriving from the Application;
7. all causes of action and remedies related to any or all of the Application, 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

8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, 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 and requests authorized representative to insert on this Assignment the filing date 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.

[Signature Page(s) to Follow]

By:



Print name: Dimitrios MAKRAKIS

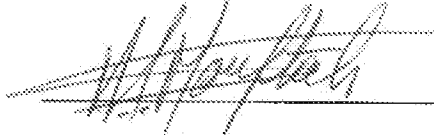
STATEMENT BY WITNESS

I, Zhipeng Wang, whose full post office address is 8 Riverbrook Rd, Ottawa, ON K2H7W6 hereby declare that I was personally present and did see the above named person(s), personally known to me to be the person(s) named in the assignment, duly sign and execute the same.

Zhipeng Wang
Signature of Witness

Apr. 25, 2014
Date

By:



Print name: Hussein T. MOUFTAH

STATEMENT BY WITNESS

I, Zhipeng Wang, whose full post office address is 8 Riverbrook Rd Ottawa ON K2H7W6 hereby declare that I was personally present and did see the above named person(s), personally known to me to be the person(s) named in the assignment, duly sign and execute the same.

Zhipeng Wang
Signature of Witness

Apr 25, 2014
Date

By: Zhipeng Wang
Print name: Zhipeng WANG

STATEMENT BY WITNESS

I, Hussein J. Houltah , whose full post office address
is 22 Hackett Street, Ottawa, ON, K1N 0P8 hereby declare
that I was personally present and did see the above named person(s), personally known to me to be the
person(s) named in the assignment, duly sign and execute the same.

 H. Houltah
Signature of Witness

 April 25, 2014
Date

By: Tianyu Du

Print name: Tianyu DU

STATEMENT BY WITNESS

I, Musai T. Maultah, whose full post office address is 39 Wickett St, Ottawa, ON, K1V 0P8 hereby declare that I was personally present and did see the above named person(s), personally known to me to be the person(s) named in the assignment, duly sign and execute the same.

Musai T. Maultah
Signature of Witness

April, 25th, 2014
Date