### 505671939 09/13/2019

# PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

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MOHAMMAD MAHDI HONARI KALATEH	09/10/2019
SEYED PEDRAM MOUSAVI BAFROOEI	09/10/2019

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16494145

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NAME OF SUBMITTER:	JENNA L. WILSON
SIGNATURE:	/Jenna L. Wilson/
DATE SIGNED:	09/13/2019

**Total Attachments: 5** 

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#### PATENT ASSIGNMENT

This Patent Assignment is between each individual listed in the table below as an assignor ("Assignor"), and the individual or entity listed in the table below as an assignee ("Assignee").

	Assignor		
Name:	MIRZAVAND BOROUJENI, Rashid		
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Name:	MOUSAVI BAFROOEI, Seyed Pedram		
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	Assignee		
Name:	THE GOVERNORS OF THE UNIVERSITY OF ALBERTA		
Address:	c/o TEC Edmonton, 4000 Enterprise Square, 10230 Jasper Avenue, Edmonton,		
	Alberta T5J 4P6, Canada		
Type:	A university		

The Assignor is an inventor of one or more inventions or improvements (each, an "Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, right or title has been or will be made or for which one or more patents has been granted, as further described in the table below (each, an "Application").

		Applications		
Title: APPARATUS AND METHODS FOR WIRELESS/RFID SENSORS				
Jurisdiction:	WIPO	Number:	PCT/CA2018/050306	
Filing Date:	March 14, 2018	Attorney Docket:	4235-0003	
Title:	APPARATUS AND ME	THODS FOR WIRELESS/RF	ID SENSORS	
Jurisdiction:	US	Number:	16/494,145	
Filing Date:	March 14, 2018	Attorney Docket:	4235-0004	
Title:	APPARATUS AND METHODS FOR WIRELESS/RFID SENSORS			
Jurisdiction:	CA	Number:		
Filing Date:	March 14, 2018	Attorney Docket:	4235-0005	

The Assignee wishes to acquire or has acquired from the Assignor all the Assignor's right, title and interest in and to each Invention throughout the world. For valuable consideration, the parties therefore agree as follows:

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- 1. The Assignor has transferred, conveyed and assigned, and, by way of further assurance, hereby transfers, conveys and assigns, all the Assignor's worldwide:
  - (a) right, title and interest in and to each Invention and Application;
  - right, title and interest in and to any further applications, divisional applications, substitute applications and continuation applications for patent, design registration, utility model registration, or other forms of protection, right or title for all or part of each Invention ("Further Application");
  - (c) right, title and interest in and to each patent, design registration, utility model registration and all other form of protection, right and title relating to each Invention ("Registration");
  - (d) right, title and interest in and to any extension/supplementary protection certificate ("Extension") relating to each Invention;
  - (e) right to apply for each Application, Further Application and Extension;
  - (f) right to claim priority based on the filing date of each Application and Further Application; and
  - (g) right to bring proceedings to recover damages and/or to obtain other remedies for any act committed in respect of each Invention, Application, Registration, Further Application, and Extension, whether such act is committed before or after the date of this Patent Assignment.
- 2. At the request and expense of the Assignee, the Assignor shall promptly:
  - (a) provide assistance and execute any further documents which may be necessary or desirable to enable the Assignee to file, prosecute, bring proceedings and take other actions with respect to each Invention, Application, Further Application, Grant and Extension, and each patent and registration granted thereon and other forms of protection, right and title relating thereto, and
  - (b) execute each further document which may be necessary or desirable to vest or perfect the title of the Assignee in each Application, Further Application, Grant and Extension.
- 3. The Assignor authorizes the Assignee and the Assignee's patent agents or attorneys to insert, above, the jurisdictions, application or serial numbers, filing dates and any other indicia identifying each Application, Further Application, Registration and Extension when such information is available for the purpose of recording this Patent Assignment.
- 4. The Assignor authorizes and requests The Commissioner of Patents or any equivalent authority to issue to the Assignee each patent, registration and other form of protection, right, and title granted upon each Application, Further Application, and Extension.
- 5. This agreement shall inure to the benefit of the Assignee and the Assignee's successors and assigns, and shall be binding upon the Assignor and the Assignor's successors and permitted assigns.
- 6. Delivery of this agreement by copy, however transmitted, constitutes valid and effective delivery. This agreement may be executed in one or more counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts shall together be deemed to constitute one and the same instrument.
- 7. This agreement is signed on the dates shown in the signature pages below.

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# September 10, 2019 Date: At: Edmonton Signature: Witnessed by Name: Bahareh Laribi Signature: HONARI KALATEH, Mohammad Mahdi Edmonton Date: September 10, 2019 At: Signature: Witnessed by Name: Signature: MOUSAVI BAFROOEI, Seyed Pedram Date: September 10, 2019 Edmonton Signature: Witnessed by Name: Signature:

Patent Assignment

MIRZAVAND BOROUJENI, Rashid

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MIRZAVAN	ID BOROUJENI, Rashid
Date:	At
Signature:	
Witnessed Name:	by
Signature:	
HONARI K	ALATEH, Mohammad Mahdi
Date:	September 19,2019 At Edmonton, AB, CA
Signature:	
Witnessed Name:	by Mohtada, Sadrindeh
Signature:	Houh
MOUSAVI	BAFROOEI, Seyed Pedram
Date: 💐	ept 10,2019 At Edmonton, AR, CA
Signature:	Redula
Witnessed Name:	by — Mohtada Sadrzadoh
Signature:	- Hark

## THE GOVERNORS OF THE UNIVERSITY OF ALBERTA

By Name:	Bobbi Elliott				
Title	COO, TEC Edmonton authorized by The Governors of the University of Alberta				
Date:	September 10, 2019	At:	Edmonton, Alberta, Canada		
Signature:	Low Ma	4		<del>,</del>	
Witnessed	by	• •			
Name:	Brenda Service				
Signature:		<u> </u>			

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