

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4502070

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
QUARTERHILL INC.		06/01/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	WI-LAN INC.	
<b>Street Address:</b>	303 TERRY FOX DRIVE	
<b>Internal Address:</b>	SUITE 300	
<b>City:</b>	OTTAWA	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	K2K 3J1	
<b>PROPERTY NUMBERS Total: 67</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	5680176	
Patent Number:	5715138	
Patent Number:	5920422	
Patent Number:	5828790	
Patent Number:	7843791	
Patent Number:	5712686	
Patent Number:	5881177	
Patent Number:	5805736	
Patent Number:	5946421	
Patent Number:	6052389	
Patent Number:	6035003	
Patent Number:	6044091	
Patent Number:	5999534	
Patent Number:	5949568	
Patent Number:	5917645	
Patent Number:	6271809	
Patent Number:	6081303	
Patent Number:	6097756	
Patent Number:	6023300	

Property Type	Number
Patent Number:	6144409
Patent Number:	6128041
Patent Number:	6072892
Patent Number:	5778101
Patent Number:	5627937
Patent Number:	5539469
Patent Number:	5793893
Patent Number:	5933529
Patent Number:	6125142
Patent Number:	5929915
Patent Number:	6094225
Patent Number:	6031872
Patent Number:	6157473
Patent Number:	6094127
Patent Number:	6242738
Patent Number:	5883977
Patent Number:	6201244
Patent Number:	5572389
Patent Number:	5701192
Patent Number:	6104525
Patent Number:	5947740
Patent Number:	6204080
Patent Number:	6058232
Patent Number:	6005706
Patent Number:	5479307
Patent Number:	5939971
Patent Number:	6262417
Patent Number:	5990956
Patent Number:	5973743
Patent Number:	5920421
Patent Number:	6745366
Patent Number:	6711711
Patent Number:	5768006
Patent Number:	5532761
Patent Number:	5568334
Patent Number:	5641957
Patent Number:	5808842
Patent Number:	5734737

Property Type	Number
Patent Number:	6069976
Patent Number:	5621468
Patent Number:	5696507
Patent Number:	5754703
Patent Number:	5914803
Patent Number:	5982306
Patent Number:	5358195
Patent Number:	5573197
Patent Number:	5561475
Patent Number:	8826323

#### CORRESPONDENCE DATA

**Fax Number:** (613)688-4894

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** patentinbox@wlan.com

**Correspondent Name:** WI-LAN INC.

**Address Line 1:** 303 TERRY FOX DRIVE

**Address Line 2:** SUITE 300

**Address Line 4:** OTTAWA, CANADA K2K 3J1

<b>NAME OF SUBMITTER:</b>	SARAH SCARBOROUGH
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<b>SIGNATURE:</b>	//Sarah Scarborough//
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<b>DATE SIGNED:</b>	07/13/2017
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#### Total Attachments: 4

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## ASSIGNMENT

THIS ASSIGNMENT is made on June 1, 2017 (the "Closing Date") by and between Wi-LAN Inc., a Canadian corporation bearing *Canada Business Corporations Act* corporation number 854057-8 with its registered address at 303 Terry Fox Drive, Suite 300, Ottawa, Ontario, K2K 3J1, Canada ("Purchaser") and Quarterhill Inc., a Canadian corporation bearing *Canada Business Corporations Act* corporation number 1025832-6 with its registered address at 303 Terry Fox Drive, Suite 300, Ottawa, Ontario, K2K 3J1, Canada ("Seller").

WHEREAS in this Assignment, "Patents" means the patents and patent applications listed on Exhibit A to this Assignment;

AND WHEREAS Seller owns all interest, right, title, property and benefit in and to each of the Patents and has agreed to sell, assign, transfer and convey all interest, right, title, property and benefit in and to each of the Patents to Purchaser;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby expressly acknowledged, Seller hereby sells, assigns, transfers and conveys to Purchaser:

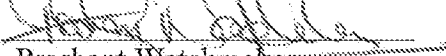
- (a) all right, title and interest to each Patent and all to all inventions and discoveries described therein;
- (b) the exclusive rights to make, use, offer for sale, sell or import products and services that infringe any Patent and to practice each Patent;
- (c) the exclusive rights to exclude other persons from practicing any Patent and the exclusive rights to collect any damages for past, current and future infringement in respect of each Patent;
- (d) all right, title and interest in and to all causes of action and enforcement rights, whether currently pending, filed, or otherwise, for each Patent and all inventions and discoveries described therein, including, without limitation, all rights to pursue damages, injunctive relief and other remedies for past, current and future infringement of each Patent;
- (e) all rights Seller may have to seek equitable or other relief (including, without limitation, any preliminary or permanent injunction or other exclusionary order of any type) with respect to any product, service or process that may or does infringe any Patent; and
- (f) the exclusive rights to collect royalties under each Patent under currently existing and future agreements.

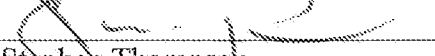
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IN WITNESS WHEREOF, Purchaser and Seller have caused this Assignment to be executed by their respective duly authorized officers on and as of June 1, 2017.

QUARTERHILL INC.

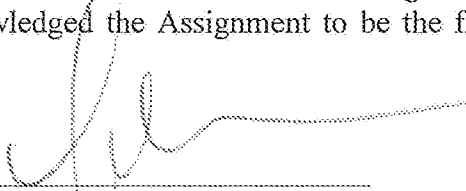
Wi-LAN INC.

Signed:   
Name: Prashant Watchmaker  
Title: Senior Vice-President &  
General Counsel

Signed:   
Name: Stephen Thompson  
Title: Interim Chief Financial Officer

Country of Canada )  
City of Ottawa )  
)  
)

On this June ~~21~~ 2017, before me appeared Prashant Watchmaker, to me personally known who, being duly sworn, did depose and say that he is the Senior Vice-President & General Counsel of Seller as named in the Assignment above and that such Assignment was signed on behalf of Seller, and such person acknowledged the Assignment to be the free and authorized act and deed of Seller.

  
Notary Public

My commission expires: N/A

Ref:	Jurisdiction	Patent Number	Application Number	Publication Number
194.	US	5,680,176	08/578,302	
195.	US	5,715,138	08/733,550	
196.	US	5,920,422	08/767,005	
197.	US	5,828,790	08/769,833	
198.	US	7,843,791	11/687,932	2008-0106996
199.	US	5,712,686	08/774,831	
200.	US	5,881,177	08/854,945	
201.	US	5,805,736	08/687,314	
202.	US	5,946,421	08/924,080	
203.	US	6,052,389	08/958,284	
204.	US	6,035,003	08/982,303	
205.	US	6,044,091	08/970,646	
206.	US	5,999,534	08/976,728	
207.	US	5,949,568	08/984,328	
208.	US	5,917,645	08/988,359	
209.	US	6,271,809	09/069,835	
210.	US	6,081,303	09/079,203	
211.	US	6,097,756	08/908,617	
212.	US	6,023,300	08/922,634	
213.	US	6,144,409	08/919,960	
214.	US	6,128,041	08/918,278	
215.	US	6,072,892	09/054,687	
216.	US	5,778,101	08/629,172	
217.	US	5,627,937	08/393,294	
218.	US	5,539,469	08/367,363	
219.	US	5,793,893	08/716,762	
220.	US	5,933,529	08/773,296	
221.	US	6,125,142	08/984,030	
222.	US	5,929,915	08/984,033	
223.	US	6,094,225	08/984,037	
224.	US	6,031,872	09/097,740	
225.	US	6,157,473	09/224,668	
226.	US	6,094,127	09/207,048	
227.	US	6,242,738	09/217,884	
228.	US	5,883,977	08/775,038	
229.	US	6,201,244	09/146,256	
230.	US	5,572,389	08/306,278	
231.	US	5,701,192	08/639,581	
232.	US	6,104,525	08/997,517	
233.	US	5,947,740	09/096,344	
234.	US	6,204,080	09/050,910	
235.	US	6,058,232	09/109,859	
236.	US	6,005,706	09/050,935	
237.	US	5,479,307	08/271,597	
238.	US	5,939,971	09/203,561	
239.	US	6,262,417	09/222,698	
240.	US	5,990,956	08/775,039	
241.	US	5,973,743	08/984,031	
242.	US	5,920,421	08/988,450	

Ref:	Jurisdiction	Patent Number	Application Number	Publication Number
243.	US	6,745,366	09/717,950	
244.	US	6,711,711	09/829,480	2003-0023931
245.	US	5,768,006	08/704,340	
246.	US	5,532,761	08/363,909	
247.	US	5,568,334	08/386,512	
248.	US	5,641,957	08/557,655	
249.	US	5,808,842	08/851,441	
250.	US	5,734,737	08/502,228	
251.	US	6,069,976	09/054,702	
252.	US	5,621,468	08/320,702	
253.	US	5,696,507	08/655,838	
254.	US	5,754,703	08/767,466	
255.	US	5,914,803	08/886,395	
256.	US	5,982,306	08/982,372	
257.	US	5,358,195	08/048,822	
258.	US	5,573,197	08/365,725	
259.	US	5,561,475	08/367,522	
260.	US	8,826,323	12/189,359	2009-0144767