

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4502025

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
QUARTERHILL INC.		06/01/2017
RECEIVING PARTY DATA		
Name:	WI-LAN INC.	
Street Address:	303 TERRY FOX DRIVE	
Internal Address:	SUITE 300	
City:	OTTAWA	
State/Country:	CANADA	
Postal Code:	K2K 3J1	
PROPERTY NUMBERS Total: 95		
Property Type	Number	
Patent Number:	5521642	
Patent Number:	5787100	
Patent Number:	5878058	
Patent Number:	6035427	
Patent Number:	5933452	
Patent Number:	6031875	
Patent Number:	7333251	
Patent Number:	6014625	
Patent Number:	7055080	
Patent Number:	5457481	
Patent Number:	5446499	
Patent Number:	5737721	
Patent Number:	5852682	
Patent Number:	5757969	
Patent Number:	7707482	
Patent Number:	RE45043	
Patent Number:	5668600	
Patent Number:	5870501	
Patent Number:	5915045	

Property Type	Number
Patent Number:	5901177
Patent Number:	5736946
Patent Number:	5648775
Patent Number:	5708430
Patent Number:	9223651
Patent Number:	8306376
Patent Number:	5677690
Patent Number:	5907639
Patent Number:	5754128
Patent Number:	5652583
Patent Number:	5650781
Patent Number:	6128341
Patent Number:	6269121
Patent Number:	5561690
Patent Number:	5623310
Patent Number:	5432555
Patent Number:	5587741
Patent Number:	5640515
Patent Number:	5469449
Patent Number:	5594743
Patent Number:	5521918
Patent Number:	5555028
Patent Number:	5805221
Patent Number:	5598116
Patent Number:	5757861
Patent Number:	5757863
Patent Number:	5760846
Patent Number:	5737449
Patent Number:	5757382
Patent Number:	5686973
Patent Number:	6020925
Patent Number:	5581308
Patent Number:	6259818
Patent Number:	5978030
Patent Number:	5596370
Patent Number:	5754237
Patent Number:	5694487
Patent Number:	5673339

Property Type	Number
Patent Number:	6954554
Patent Number:	5614954
Patent Number:	6316962
Patent Number:	5561464
Patent Number:	5617144
Patent Number:	5359656
Patent Number:	5774595
Patent Number:	5710838
Patent Number:	5537510
Patent Number:	5748761
Patent Number:	5546129
Patent Number:	5650828
Patent Number:	5777680
Patent Number:	5838391
Patent Number:	5668608
Patent Number:	5627591
Patent Number:	5625417
Patent Number:	5638129
Patent Number:	5701368
Patent Number:	5926231
Patent Number:	5702569
Patent Number:	5791577
Patent Number:	5691769
Patent Number:	5781249
Patent Number:	5822000
Patent Number:	5841477
Patent Number:	5838829
Patent Number:	5936672
Patent Number:	5635986
Patent Number:	5892548
Patent Number:	5832118
Patent Number:	5774596
Patent Number:	5862261
Patent Number:	6144700
Patent Number:	5717465
Patent Number:	5978031
Patent Number:	5754331
Patent Number:	5881175

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@wilan.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

NAME OF SUBMITTER:	SARAH SCARBOROUGH
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SIGNATURE:	//Sarah Scarborough//
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DATE SIGNED:	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:

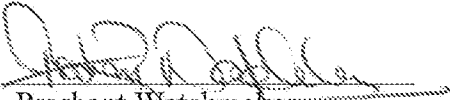
- (a) all right, title and interest to each Patent and all to all inventions and discoveries described therein;
- (b) the exclusive rights to make, use, offer for sale, sell or import products and services that infringe any Patent and to practice each Patent;
- (c) the exclusive rights to exclude other 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.

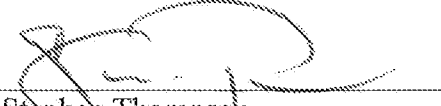
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IN WITNESS WHEREOF, Purchaser and Seller have caused this Assignment to be executed by their respective duly authorized officers on and as of June 1, 2017.

QUARTERHILL INC.

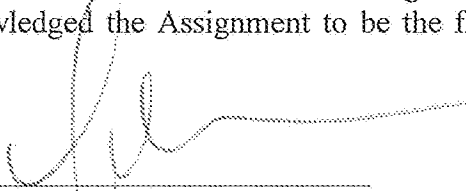
Wi-LAN INC.

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~~¹, 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

Exhibit A
Patents

Ref:	Jurisdiction	Patent Number	Application Number	Publication Number
1.	US	5,521,642	08/133,663	
2.	US	5,787,100	08/810,502	
3.	US	5,878,058	08/855,685	
4.	US	6,035,427	08/886,514	
5.	US	5,933,452	08/916,203	
6.	US	6,031,875	08/960,232	
7.	US	7,333,251	11/029,545	2005-0270610
8.	US	6,014,625	08/984,038	
9.	US	7,055,080	10/083,869	2003-0046629
10.	US	5,457,481	08/133,622	
11.	US	5,446,499	08/172,036	
12.	US	5,737,721	08/554,622	
13.	US	5,852,682	08/595,142	
14.	US	5,757,969	08/595,141	
15.	US	7,707,482	11/486,449	2007-0288825
16.	US	RE45,043	13/458,412	
17.	US	5,668,600	08/740,358	
18.	US	5,870,501	08/721,638	
19.	US	5,915,045	08/862,247	
20.	US	5,901,177	08/706,148	
21.	US	5,736,946	08/706,163	
22.	US	5,648,775	08/560,088	
23.	US	5,708,430	08/616,941	
24.	US	9,223,651	12/344,955	2009-0172497
25.	US	8,306,376	11/486,451	2007-0147735
26.	US	5,677,690	08/617,228	
27.	US	5,907,639	08/748,583	
28.	US	5,754,128	08/560,696	
29.	US	5,652,583	08/556,530	
30.	US	5,650,781	08/367,523	
31.	US	6,128,341	09/132,522	
32.	US	6,269,121	09/133,239	
33.	US	5,561,690	08/346,067	
34.	US	5,623,310	08/623,763	
35.	US	5,432,555	08/118,439	
36.	US	5,587,741	08/278,663	
37.	US	5,640,515	08/320,710	
38.	US	5,469,449	08/320,631	
39.	US	5,594,743	08/336,606	
40.	US	5,521,918	08/367,361	
41.	US	5,555,028	08/496,588	
42.	US	5,805,221	08/550,331	
43.	US	5,598,116	08/550,332	
44.	US	5,757,861	08/556,529	
45.	US	5,757,863	08/563,171	
46.	US	5,760,846	08/579,392	

Ref:	Jurisdiction	Patent Number	Application Number	Publication Number
47.	US	5,737,449	08/580,237	
48.	US	5,757,382	08/581,648	
49.	US	5,686,973	08/580,238	
50.	US	6,020,925	08/858,718	
51.	US	5,581,308	08/446,351	
52.	US	6,259,818	08/423,604	
53.	US	5,978,030	08/435,688	
54.	US	5,596,370	08/381,797	
55.	US	5,754,237	08/407,090	
56.	US	5,694,487	08/434,824	
57.	US	5,673,339	08/509,313	
58.	US	6,954,554	10/042,398	2003-0044075
59.	US	5,614,954	08/433,273	
60.	US	6,316,962	09/541,175	
61.	US	5,561,464	08/433,270	
62.	US	5,617,144	08/452,627	
63.	US	5,359,656	08/074,305	
64.	US	5,774,595	08/520,204	
65.	US	5,710,838	08/622,533	
66.	US	5,537,510	08/367,541	
67.	US	5,748,761	08/502,229	
68.	US	5,546,129	08/498,554	
69.	US	5,650,828	08/518,411	
70.	US	5,777,680	08/671,187	
71.	US	5,838,391	08/673,461	
72.	US	5,668,608	08/507,579	
73.	US	5,627,591	08/527,613	
74.	US	5,625,417	08/527,612	
75.	US	5,638,129	08/527,590	
76.	US	5,701,368	08/509,260	
77.	US	5,926,231	08/764,121	
78.	US	5,702,569	08/703,257	
79.	US	5,791,577	08/700,827	
80.	US	5,691,769	08/524,708	
81.	US	5,781,249	08/743,785	
82.	US	5,822,000	08/769,835	
83.	US	5,841,477	08/651,381	
84.	US	5,838,829	08/788,948	
85.	US	5,936,672	08/821,914	
86.	US	5,635,986	08/672,165	
87.	US	5,892,548	08/777,125	
88.	US	5,832,118	08/734,217	
89.	US	5,774,596	08/669,660	
90.	US	5,862,261	08/853,945	
91.	US	6,144,700	08/856,474	
92.	US	5,717,465	08/674,944	
93.	US	5,978,031	08/839,517	
94.	US	5,754,331	08/858,715	
95.	US	5,881,175	08/869,557	