

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4500316

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: 98

Property Type	Number
Patent Number:	8732541
Patent Number:	9161341
Patent Number:	7321328
Application Number:	60912661
Application Number:	60953452
Application Number:	60971837
Application Number:	60913172
Patent Number:	7903604
Patent Number:	8705493
Patent Number:	8711833
Patent Number:	8130664
Application Number:	14219618
Application Number:	60971526
Application Number:	61013622
Patent Number:	8423853
Application Number:	61035355
Application Number:	61007360
Application Number:	61078273
Patent Number:	7809010

PATENT

Property Type	Number
Patent Number:	8509223
Application Number:	13964847
Patent Number:	5956323
Patent Number:	7554957
Patent Number:	8169988
Patent Number:	8780874
Patent Number:	9386509
Patent Number:	7626976
Patent Number:	8631135
Patent Number:	7606907
Patent Number:	6480494
Patent Number:	6128300
Application Number:	10396121
Patent Number:	7254110
Application Number:	11834492
Patent Number:	8233472
Patent Number:	8724482
Patent Number:	7327736
Patent Number:	7804837
Patent Number:	9071461
Patent Number:	7317704
Patent Number:	8072924
Patent Number:	8391214
Patent Number:	7046623
Patent Number:	7020101
Patent Number:	6999546
Patent Number:	6963559
Patent Number:	6963533
Patent Number:	6937719
Patent Number:	6928056
Patent Number:	6867600
Patent Number:	6584148
Patent Number:	6477207
Patent Number:	6466033
Patent Number:	6081530
Patent Number:	5999621
Patent Number:	6240091
Patent Number:	7227928

Property Type	Number
Patent Number:	7471772
Patent Number:	5526154
Patent Number:	5706285
Patent Number:	5726609
Patent Number:	6748076
Application Number:	60362156
Patent Number:	6763019
Patent Number:	5404321
Patent Number:	6249486
Patent Number:	6219307
Patent Number:	7082111
Patent Number:	7231232
Patent Number:	7986976
Patent Number:	6369861
Patent Number:	5231634
Patent Number:	5515369
Patent Number:	6867693
Patent Number:	7215247
Patent Number:	7432806
Patent Number:	7928841
Patent Number:	6340915
Patent Number:	7053702
Application Number:	60396096
Application Number:	60433772
Application Number:	10521582
Patent Number:	7529209
Patent Number:	RE43830
Application Number:	13649856
Application Number:	60504684
Patent Number:	7456706
Patent Number:	7454223
Patent Number:	7385952
Patent Number:	7343543
Application Number:	12016793
Application Number:	60391084
Patent Number:	7342446
Patent Number:	7333435
Patent Number:	8184661

Property Type	Number
Patent Number:	8630238
Patent Number:	8817805
Patent Number:	9426816

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

SIGNATURE: //Sarah Scarborough//

DATE SIGNED: 07/12/2017

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

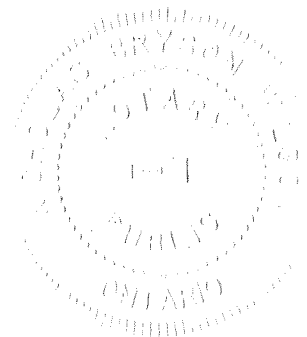
Signed: 
Name: Stephen Thompson
Title: Interim Chief Financial Officer

Country of Canada)
City of Ottawa)
)
)

On this June 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



Ref:	Jurisdiction	Patent Number	Application Number	Publication Number
390.	US	8,732,541	13/861,013	2013-0223388
391.	US	9,161,341	14/271,596	2014-0241292
392.	US	7,321,328	11/469,782	
393.	US		60/912,661	
394.	US		60/953,452	
395.	US		60/971,837	
396.	US		60/913,172	
397.	US	7,903,604	11/933,987	2008-0259878
398.	US	8,705,493	11/963,504	2008-0259879
399.	US	8,711,833	12/104,299	2008-0259905
400.	US	8,130,664	12/104,567	2008-0259849
401.	US		14/219,618	2014-0204828
402.	US		60/971,526	
403.	US		61/013,622	
404.	US	8,423,853	12/204,719	2009-0070650
405.	US		61/035,355	
406.	US		61/007,360	
407.	US		61/078,273	
408.	US	7,809,010	10/870,677	2005-0053086
409.	US	8,509,223	12/871,510	2010-0322235
410.	US		13/964,847	2013-0329729
411.	US	5,956,323	08/903,504	
412.	US	7,554,957	09/860,765	2001-0053135
413.	US	8,169,988	12/474,156	2009-0240806
414.	US	8,780,874	13/460,272	2012-0214499
415.	US	9,386,509	14/330,770	2014-0321327
416.	US	7,626,976	10/294,669	2003-0091034
417.	US	8,631,135	12/474,129	2009-0232145
418.	US	7,606,907	09/762,226	
419.	US	6,480,494	09/094,835	
420.	US	6,128,300	08/984,419	
421.	US		10/396,121	2004-0189157
422.	US	7,254,110	09/820,029	2002-0196774
423.	US		11/834,492	2008-0037523
424.	US	8,233,472	11/828,799	2008-0019355
425.	US	8,724,482	13/561,693	2012-0287925
426.	US	7,327,736	09/963,688	2002-0041597
427.	US	7,804,837	11/925,691	2008-0043751
428.	US	9,071,461	12/891,989	2011-0013628
429.	US	7,317,704	09/851,436	2001-0046216
430.	US	8,072,924	11/948,311	2008-0089284
431.	US	8,391,214	13/311,202	2012-0077535
432.	US	7,046,623	09/751,808	2004-0213241
433.	US	7,020,101	10/170,199	2003-0026216
434.	US	6,999,546	09/751,636	2002-0126783
435.	US	6,963,559	09/864,554	2002-0176435
436.	US	6,963,533	09/751,581	2003-0169780
437.	US	6,937,719	09/913,576	2003-0031312
438.	US	6,928,056	09/752,089	2002-0122439

Ref:	Jurisdiction	Patent Number	Application Number	Publication Number
439.	US	6,867,600	10/363,522	
440.	US	6,584,148	09/586,330	
441.	US	6,477,207	09/450,367	
442.	US	6,466,033	09/753,301	2002-0084787
443.	US	6,081,530	08/977,198	
444.	US	5,999,621	08/902,764	
445.	US	6,240,091	08/955,561	
446.	US	7,227,928	10/476,154	2004-0156482
447.	US	7,471,772	11/741,093	2008-0031424
448.	US	5,526,154	08/356,220	
449.	US	5,706,285	08/318,787	
450.	US	5,726,609	08/737,823	
451.	US	6,748,076	09/706,021	
452.	US		60/362,156	
453.	US	6,763,019	10/187,391	2003-0169724
454.	US	5,404,321	08/064,654	
455.	US	6,249,486	09/164,411	
456.	US	6,219,307	09/298,321	
457.	US	7,082,111	09/855,297	2002-0001294
458.	US	7,231,232	10/074,610	2003-0153364
459.	US	7,986,976	11/803,081	2007-0213100
460.	US	6,369,861	08/829,101	
461.	US	5,231,634	07/808,923	
462.	US	5,515,369	08/265,096	
463.	US	6,867,693	09/915,662	
464.	US	7,215,247	11/079,965	
465.	US	7,432,806	11/744,729	2007-0252756
466.	US	7,928,841	12/203,821	2009-0021371
467.	US	6,340,915	09/715,085	
468.	US	7,053,702	10/432,019	2004-0155704
469.	US		60/396,096	
470.	US		60/433,772	
471.	US		10/521,582	2005-0259757
472.	US	7,529,209	10/494,315	2005-0018634
473.	US	RE43,830	13/101,019	
474.	US		13/649,856	
475.	US		60/504,684	
476.	US	7,456,706	10/572,951	2007-0040631
477.	US	7,454,223	10/559,789	2006-0128412
478.	US	7,385,952	10/498,319	2005-0157678
479.	US	7,343,543	10/484,705	2004-0240409
480.	US		12/016,793	2008-0151854
481.	US		60/391,084	
482.	US	7,342,446	10/519,191	2005-0174173
483.	US	7,333,435	10/521,581	2005-0249117
484.	US	8,184,661	12/028,365	2008-0123531
485.	US	8,630,238	13/468,925	2012-0218890
486.	US	8,817,805	14/102,120	2014-0140351
487.	US	9,426,816	14/506,510	2015-0023295