

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5542297

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
TILE, INC.		05/24/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	PINNACLE VENTURES, L.L.C., AS AGENT	
<b>Street Address:</b>	480 S. CALIFORNIA AVENUE	
<b>City:</b>	PALO ALTO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94306	
<b>PROPERTY NUMBERS Total: 108</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	15947207	
Application Number:	16109325	
Application Number:	16142424	
Application Number:	16184252	
Application Number:	16208565	
Application Number:	16184417	
Application Number:	29670055	
Application Number:	29670058	
Application Number:	16268501	
Application Number:	15494350	
Application Number:	15472281	
Application Number:	15841874	
Application Number:	15841841	
Application Number:	15852307	
Application Number:	15841877	
Application Number:	15841884	
Application Number:	15897159	
Application Number:	15887274	
Application Number:	15875181	
Application Number:	15947212	

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Property Type	Number
Application Number:	15947209
Application Number:	15947246
Application Number:	15947288
Application Number:	15952103
Application Number:	15947185
Application Number:	15954959
Application Number:	15947294
Application Number:	16049285
Application Number:	16055811
Application Number:	16055836
Application Number:	16142450
Application Number:	29470567
Application Number:	14167960
Application Number:	29486823
Application Number:	29515193
Application Number:	14882022
Application Number:	14937887
Application Number:	14937886
Application Number:	14822576
Application Number:	14822573
Application Number:	14822580
Application Number:	14939897
Application Number:	29551345
Application Number:	15204864
Application Number:	15226137
Application Number:	15144826
Application Number:	29572061
Application Number:	15339742
Application Number:	15339751
Application Number:	15339753
Application Number:	15339746
Application Number:	15339747
Application Number:	15339750
Application Number:	15253617
Application Number:	15387243
Application Number:	15390327
Application Number:	15389092
Application Number:	15390328

Property Type	Number
Application Number:	29576878
Application Number:	15257708
Application Number:	15467199
Application Number:	15443432
Application Number:	15348807
Application Number:	15348822
Application Number:	15348827
Application Number:	15640456
Application Number:	15640455
Application Number:	15434923
Application Number:	15439056
Application Number:	29605066
Application Number:	29605057
Application Number:	15591428
Application Number:	15591414
Application Number:	29606323
Application Number:	29612676
Application Number:	29612675
Application Number:	15660766
Application Number:	15669667
Application Number:	15692126
Application Number:	15782772
Application Number:	16005254
Application Number:	15862491
Application Number:	15947257
Application Number:	29656288
Application Number:	29656290
Application Number:	16016549
Application Number:	16143458
Application Number:	16056338
Application Number:	29663388
Application Number:	16132183
Application Number:	16132186
Application Number:	16265809
Application Number:	16274219
Application Number:	16241858
Application Number:	16296233
Application Number:	16265813

Property Type	Number
Application Number:	16208564
Application Number:	16184444
Application Number:	16228474
Application Number:	16217640
Application Number:	16288021
Application Number:	16268502
Application Number:	16293655
Application Number:	16296228
Application Number:	16298951
Application Number:	16296232
Application Number:	15150415
Application Number:	29663389

#### CORRESPONDENCE DATA

##### Fax Number:

*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.*

Phone: 4159472482

Email: ukarandikar@wsgr.com

Correspondent Name: URMILA KARANDIKAR

Address Line 1: 139 TOWNSEND STREET SUITE 150

Address Line 2: SUITE 150

Address Line 4: SAN FRANCISCO, CALIFORNIA 94107

NAME OF SUBMITTER:	URMILA KARANDIKAR
SIGNATURE:	/Urmila Karandikar/
DATE SIGNED:	05/28/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### Total Attachments: 16

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**INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This Intellectual Property Security Agreement is entered into as of May 24, 2019 by and among **TILE, INC.**, a Delaware corporation ("**Parent**"), Tile Network Canada ULC, a Canadian unlimited liability corporation ("**Tile Canada**"), Tile Europe Ltd., a company of England and Wales limited by shares ("**Tile UK**") and together with Parent and Tile Canada, the "**Grantors**" and each, a "**Grantor**") in favor of **PINNACLE VENTURES, L.L.C.** ("**Secured Party**") as agent for the lenders ("**Lenders**") identified on Schedule 1 to the Loan Agreement (as defined below).

**RECITALS**

A. Lenders have made or will make certain advances of money and extend certain financial accommodations to the Grantors (the "**Loans**") in the amounts and manner set forth in that certain Loan and Security Agreement by and among the Grantors, Secured Party and Lenders dated as of [\_\_\_], 2019 (as the same may be amended, restated, modified or supplemented from time to time, the "**Loan Agreement**"; capitalized terms used but not otherwise defined herein have the definitions assigned to such terms in the Loan Agreement). Under the Loan Agreement, the Grantors have granted to Secured Party a security interest in certain copyrights, trademarks, patents, and mask works to secure the obligations of the Grantors under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, the Grantors have granted to Secured Party a security interest in all of each Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, each Grantor hereby represents, warrants, covenants and agrees as follows:

**AGREEMENT**

To secure its obligations under the Loan Agreement, each Grantor grants and pledges to Secured Party a security interest in all of such Grantor's right, title and interest in, to and under its Intellectual Property (including without limitation those copyrights, patents, trademarks and mask works listed on Schedules A, B, C, and D hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Secured Party under the Loan Agreement. The rights and remedies of Secured Party with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Transaction Documents, and those which are now or hereafter available to Secured Party as a matter of law or equity. Each right, power and remedy of Secured Party provided for herein or in the Loan Agreement or any of the Transaction Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Secured Party of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Transaction Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Secured Party, of any or all other rights, powers or remedies.

*(signature page follows)*

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTORS:

Address of Grantor:

TILE, INC.

2121 S. El Camino Real, Suite 900,  
San Mateo CA 94403

By: \_\_\_\_\_

Name: Charles J. Prober

Title: Chief Executive Officer

TILE NETWORK CANADA ULC

1800-510 West Georgia Street  
Vancouver, BC V6B 0M3

By: \_\_\_\_\_

Name: Charles J. Prober

Title: Chief Executive Officer

TILE EUROPE LTD

11th Floor Whitefriars Lewins Mead  
Bristol, United Kingdom, BS1 2 NT

By: \_\_\_\_\_

Name: Charles J. Prober

Title: Chief Executive Officer

SECURED PARTY:

Address of Secured Party:

PINNACLE VENTURES, L.L.C.

480 S. California Avenue  
Palo Alto, CA 94306  
Attn: Chief Operating Officer

By: Robert N. Savoie

Name: Robert N. Savoie

Title: Chief Operating Officer

(Signature Page to Intellectual Property Security Agreement)

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTORS:

Address of Grantor:

2121 El Camino Real, Suite 900,  
San Mateo CA 94403

TILE, INC.

By: 

Name: Charles J. Prober

Title: Chief Executive Officer

TILE NETWORK CANADA ULC

1800-510 West Georgia Street  
Vancouver, BC V6B 0M3

By: 

Name: Charles J. Prober

Title: Chief Executive Officer

TILE EUROPE LTD

11th Floor Whitefriars Levens Mead  
Bristol, United Kingdom, BS1 2 NT

By: 

Name: Charles J. Prober

Title: Chief Executive Officer

SECURED PARTY:

Address of Secured Party:

480 S. California Avenue  
Palo Alto, CA 94306  
Attn: Chief Operating Officer

PINNACLE VENTURES, L.L.C.

By: \_\_\_\_\_

Name: Robert N. Savoie

Title: Chief Operating Officer

(Signature Page to Intellectual Property Security Agreement)



EXHIBIT A

Copyrights

<u>Grantor</u>	<u>Description/Title</u>	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>
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None.

EXHIBIT B

Patents (all owned by Tile, Inc.)

<u>Grantor</u>	<u>Description/Title</u>	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>
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See Schedule 1 attached

COUNTRY	TITLE	STATUS	APPLICATION NUMBER	FILING DATE	PRIORITY DATE	PRIORITY APPLICATION NUMBER	PUBLICATION DATE	PUBLICATION NUMBER
US	Secure and Private Cloud Based Broadcast Identification	Allowed	15/947,207	Apr 6, 2018	Oct 9, 2014	62/062,062	Aug 16, 2018	2018-0234791
US	Dynamic Selection and Modification of Tracking Device Behavior Models	Allowed	16/109,325	Aug 22, 2018	Jul 1, 2017	15/640,456	Jan 3, 2019	2019-0004141
US	Tracking Device Wireless Preconfiguration	Allowed	16/142,424	Sep 26, 2018	Mar 23, 2017	15/467,199	Jan 24, 2019	2019-0026506
US	Tracking Device Operation in Safety-Classified Zone	Allowed	16/184,252	Nov 8, 2018	Aug 16, 2017	62/546,454	Mar 7, 2019	2019-0075422
US	Safe Zones in Tracking Device Environments	Allowed	16/208,565	Dec 4, 2018	Dec 21, 2016	15/387,243	Apr 4, 2019	2019-0103009
US	User Intervention Based on Proximity Between Tracking Devices	Allowed	16/184,417	Nov 8, 2018	Jun 1, 2016	62/344,392	Mar 14, 2019	2019-0082294
US	Tracking Device ("Style")	Allowed	29/670,055	Nov 13, 2018	Aug 3, 2017	29/612,675		
US	Tracking Device ("Gear")	Allowed	29/670,058	Nov 13, 2018	Aug 3, 2017	29/612,676		
US	Tracking Device Operation in Behavior-Classified Zone	Allowed	16/268,501	Feb 6, 2019	Aug 16, 2017	62/546,454		
CN	Tracking Device	Allowed	201930013512.5	Jan 10, 2019	Jul 11, 2018	29/656,288		
CN	Tracking Device	Allowed	201930012882.7	Jan 10, 2019	Jul 11, 2018	29/656,290		
US	Tracking Device Distress Mode Configuration	Issued	15/494,350	Apr 21, 2017				
US	Secure and Private Cloud Based Broadcast Identification	Issued	15/472,281	Mar 29, 2017	Oct 9, 2014	62/062,062	Jul 13, 2017	2017-0201857
EP	Secure and Private Cloud Based Broadcast Identification	Issued	15848380.0	Oct 7, 2015	Oct 9, 2014	62/062,062	Aug 16, 2017	3205135
US	Tracking Device Operation in Risk-Classified Geographic Area	Issued	15/841,874	Dec 14, 2017	Aug 16, 2017	62/546,454		
US	Tracking Device Operation in Safety-Classified Zone	Issued	15/841,841	Dec 14, 2017	Aug 16, 2017	62/546,454		
US	Tracking Device Search Party Management	Issued	15/852,307	Dec 22, 2017	Nov 12, 2015	14/939,897	May 3, 2018	2018-0124567
US	Tracking Device Operation in Behavior-Classified Zone	Issued	15/841,877	Dec 14, 2017	Aug 16, 2017	62/546,454		
US	Tracking Device Operation in Risk-Classified Zone	Issued	15/841,884	Dec 14, 2017	Aug 16, 2017	62/546,454		
US	Tracking Device Location Identification	Issued	15/897,159	Feb 15, 2018	Feb 17, 2017	62/460,602	Aug 23, 2018	2018-0242102
US	Safe Zones in Tracking Device Environments	Issued	15/887,274	Feb 2, 2018	Dec 21, 2016	15/387,243	Jun 21, 2018	2018-0174428
US	Tracking Device Location and Management	Issued	15/875,181	Jan 19, 2018	Aug 31, 2016	15/253,617	May 24, 2018	2018-0144608
US	Systems and Methods for Locating a Tracking Device	Issued	15/947,212	Apr 6, 2018	Jan 29, 2013	61/757,731	Aug 9, 2018	2018-0227709
US	User Intervention Based on Proximity Between Tracking Devices	Issued	15/947,209	Apr 6, 2018	Jun 1, 2016	62/344,392	Aug 9, 2018	2018-0227708
US	User Intervention Based on Learned Behavior in a Tracking Device Environment	Issued	15/947,246	Apr 6, 2018	Jun 1, 2016	62/344,392	Aug 9, 2018	2018-0225950
US	User Intervention Based on Tracking Device Sensor Data	Issued	15/947,288	Apr 6, 2018	Jun 1, 2016	62/344,392	Aug 9, 2018	2018-0225952
US	Selection of Location Information Based on Detected Movement	Issued	15/952,103	Apr 12, 2018	Oct 9, 2014	62/062,065	Aug 16, 2018	2018-0234799
US	Dynamic Selection and Modification of Tracking Device Behavior Models	Issued	15/947,185	Apr 6, 2018	Jul 1, 2017	15/640,455		
US	Multi-Device Architecture for Tracking Device Access	Issued	15/954,959	Apr 17, 2018	Oct 13, 2015	14/882,022	Aug 16, 2018	2018-0234821
US	User Intervention Based on Tracking Device Location	Issued	15/947,294	Apr 6, 2018	Jun 1, 2016	62/344,392	Aug 9, 2018	2018-0225953
US	Tracking Device Operation in Risk-Classified Zone	Issued	16/049,285	Jul 30, 2018	Aug 16, 2017	62/546,454	Feb 21, 2019	2019-0058966
US	Tracking Device Operation in Safety-Classified Zone	Issued	16/055,811	Aug 6, 2018	Aug 16, 2017	62/546,454		
US	Tracking Device Operation in Risk-Classified Geographic Area	Issued	16/055,836	Aug 6, 2018	Aug 16, 2017	62/546,454		
US	Tracking Device Operation in Behavior-Classified Zone	Issued	16/142,450	Sep 26, 2018	Aug 16, 2017	62/546,454	Feb 21, 2019	2019-0058967
US	Electronic Tracking Device	Issued	29/470,567	Oct 22, 2013				
US	Systems and Methods for Locating a Tracking Device	Issued	14/167,960	Jan 29, 2014	Jan 29, 2013	61/757731	Jul 31, 2014	2014-0213301
US	Folding Container	Issued	29/486,823	Apr 2, 2014				
US	Electronic Tracking Device	Issued	29/515,193	Jan 20, 2015	Oct 22, 2013	29/470,567		
US	Multi-Device Architecture for Tracking Device Access	Issued	14/882,022	Oct 13, 2015			Apr 13, 2017	2017-0105100
US	Location History Access for Lost Tracking Device	Issued	14/937,887	Nov 11, 2015			May 11, 2017	2017-0134898
US	Leash Notification for Tracking Device	Issued	14/937,886	Nov 11, 2015				
US	Power Preservation Through Motion-Activated Location Reporting	Issued	14/822,576	Aug 10, 2015	Oct 9, 2014	62/062,063	Apr 14, 2016	2016-0105765

COUNTRY	TITLE	STATUS	APPLICATION NUMBER	FILING DATE	PRIORITY DATE	PRIORITY APPLICATION NUMBER	PUBLICATION DATE	PUBLICATION NUMBER
US	Selection of Location Information Based on Detected Movement	Issued	14/822,573	Aug 10, 2015	Oct 9, 2014	62/062,065	Apr 14, 2016	2016-0105764
US	Secure and Private Cloud Based Broadcast Identification	Issued	14/822,580	Aug 10, 2015	Oct 9, 2014	62/062,062	Apr 14, 2016	2016-0105766
US	Tracking Device Search Party Management	Issued	14/939,897	Nov 12, 2015			May 18, 2017	2017-0142551
US	Folding Container	Issued	29/551,345	Jan 13, 2016	Apr 2, 2014	29/486,823		
US	Power Preservation in GPS-Equipped Tracking Devices	Issued	15/204,864	Jul 7, 2016			Jan 11, 2018	2018-0014250
US	Tracking Device Power Preservation Through Signal Strength Reduction	Issued	15/226,137	Aug 2, 2016				
US	Systems and Methods for Locating a Tracking Device	Issued	15/144,826	May 3, 2016	Jan 29, 2013	US61/757731	Aug 25, 2016	2016-0249168
US	Tracking Device	Issued	29/572,061	Jul 25, 2016				
US	User Intervention Based on Proximity Between Tracking Devices	Issued	15/339,742	Oct 31, 2016	Jun 1, 2016	62/344,392	Dec 7, 2017	2017-0353833
US	User Intervention Based on Tracking Device Sensor Data	Issued	15/339,751	Oct 31, 2016	Jun 1, 2016	62/344,392	Dec 7, 2017	2017-0352253
US	User Intervention Opt-In in a Tracking Device Environment	Issued	15/339,753	Oct 31, 2016	Jun 1, 2016	62/344,392	Dec 7, 2017	2017-0352254
US	User Intervention Based on Tracking Device Location	Issued	15/339,746	Oct 31, 2016	Jun 1, 2016	62/344,392	Dec 7, 2017	2017-0352250
US	User Intervention Based on Learned Behavior in a Tracking Device Environment	Issued	15/339,747	Oct 31, 2016	Jun 1, 2016	62/344,392	Dec 7, 2017	2017-0352251
US	User Intervention Based on External Data in a Tracking Device Environment	Issued	15/339,750	Oct 31, 2016	Jun 1, 2016	62/344,392	Dec 7, 2017	2017-0352252
US	Tracking Device Location and Management	Issued	15/253,617	Aug 31, 2016			Mar 1, 2018	2018-0061209
US	Safe Zones in Tracking Device Environments	Issued	15/387,243	Dec 21, 2016				
US	Tracking Device Communication Privacy Controls	Issued	15/390,327	Dec 23, 2016				
US	Unauthorized Tracking Device Detection and Prevention	Issued	15/389,092	Dec 22, 2016			Jun 28, 2018	2018-0184286
US	Lost Tracking Device Configuration	Issued	15/390,328	Dec 23, 2016			Jun 28, 2018	2018-0182230
US	Tracking Device	Issued	29/576,878	Sep 7, 2016				
US	Systems and Methods for Locating a Tracking Device	Issued	15/257,708	Sep 6, 2016	Jan 29, 2013	14/167,960	Dec 22, 2016	US-2016-0373894
US	Tracking Device Wireless Preconfiguration	Issued	15/467,199	Mar 23, 2017			Sep 27, 2018	2018-0276427
US	Vehicle Geofence in a Tracking Device Environment	Issued	15/443,432	Feb 27, 2017	Jun 1, 2016	62/344,392	Dec 7, 2017	2017-0353829
US	Leash Notification for Tracking Device	Issued	15/348,807	Nov 10, 2016	Nov 11, 2015	14/937,886	May 11, 2017	2017-0132903
US	Power Preservation Through Motion-Activated Location Reporting	Issued	15/348,822	Nov 10, 2016	Oct 9, 2014	62/062,063	Mar 2, 2017	2017-0064499
US	Selection of Location Information Based on Detected Movement	Issued	15/348,827	Nov 10, 2016	Oct 9, 2014	62/062,065	Mar 2, 2017	2017-0064509
CN	Tracking Device	Issued	201730028857.9	Jan 24, 2017	Jul 25, 2016	29/572,061		CN 304275044 S
EM	Tracking Device	Issued	003667609	Jan 20, 2017	Jul 25, 2016	29/572,061		
US	Dynamic Selection and Modification of Tracking Device Behavior Models	Issued	15/640,456	Jul 1, 2017				
US	Dynamic Selection and Modification of Tracking Device Behavior Models	Issued	15/640,455	Jul 1, 2017				
US	Tracking Device Power Preservation Through Signal Strength Reduction	Issued	15/434,923	Feb 16, 2017	Aug 2, 2016	15/226,137		
US	Systems and Methods for Locating a Tracking Device	Issued	15/439,056	Feb 22, 2017	Jan 29, 2013	61/757,731	Jun 8, 2017	2017-0164156
CN	Tracking Device	Issued	201730061459.7	Mar 6, 2017	Sep 7, 2016	29/576,878		CN 304333110 S
EM	Tracking Device	Issued	003782440-0001	Mar 3, 2017	Sep 7, 2016	29/576,878		
US	Tracking Device	Issued	29/605,066	May 23, 2017	Jul 25, 2016	29/572,061		
US	Tracking Device	Issued	29/605,057	May 23, 2017	Sep 7, 2016	29/576,878		
US	Tracking Device Power Preservation Through Signal Strength Reduction	Issued	15/591,428	May 10, 2017	Aug 2, 2016	15/226,137		
US	Leash Notification for Tracking Device	Issued	15/591,414	May 10, 2017	Nov 11, 2015	14/937,886	Aug 24, 2017	2017-0243469
US	Tracking Device	Issued	29/606,323	Jun 2, 2017	Jul 25, 2016	29/572,061		
US	Tracking Device ("Gear")	Issued	29/612,676	Aug 3, 2017				
US	Tracking Device ("Style")	Issued	29/612,675	Aug 3, 2017				
US	Secure and Private Cloud Based Broadcast Identification	Issued	15/660,766	Jul 26, 2017	Oct 9, 2014	62/062,062	Nov 9, 2017	2017-0325059
US	Power Preservation Through Motion-Activated Location Reporting	Issued	15/669,667	Aug 4, 2017	Oct 9, 2014	62/062,063	Nov 16, 2017	2017-0332196
US	Tracking Device Power Preservation Through Signal Strength Reduction	Issued	15/692,126	Aug 31, 2017	Aug 2, 2016	15/226,137		

COUNTRY	TITLE	STATUS	APPLICATION NUMBER	FILING DATE	PRIORITY DATE	PRIORITY APPLICATION NUMBER	PUBLICATION DATE	PUBLICATION NUMBER
US	Multi-Device Architecture for Tracking Device Access	Issued	15/782,772	Oct 12, 2017	Oct 13, 2015	14/882,022	Feb 1, 2018	2018-0035264
CN	Tracking Device ("Style")	Issued	201830053174.3	Feb 5, 2018	Aug 3, 2017	29/612,675		CN 304864962 S
EM	Tracking Device ("Style")	Issued	004692671-0001	Feb 2, 2018	Aug 3, 2017	29/612,675		
JP	Tracking Device ("Style")	Issued	2018-2158	Feb 5, 2018	Aug 3, 2017	29/612,675		1609130
CN	Tracking Device ("Gear")	Issued	201830053171.X	Feb 5, 2018	Aug 3, 2017	29/612,676		CN 304864961 S
EM	Tracking Device ("Gear")	Issued	004692671-0002	Feb 2, 2018	Aug 3, 2017	29/612,676		
JP	Tracking Device ("Gear")	Issued	2018-2159	Feb 5, 2018	Aug 3, 2017	29/612,676		1609131
FR	Secure and Private Cloud Based Broadcast Identification	Issued	15848380.0	Oct 7, 2015	Oct 9, 2014	62/062,062		3205135
DE	Secure and Private Cloud Based Broadcast Identification	Issued	15848380.0	Oct 7, 2015	Oct 9, 2014	62/062,062		3205135
GB	Secure and Private Cloud Based Broadcast Identification	Issued	15848380.0	Oct 7, 2015	Oct 9, 2014	62/062,062		3205135
EM	Tracking Device	Issued	005970514-0001	Jan 9, 2019	Jul 11, 2018	29/656,288		
EM	Tracking Device	Issued	005970514-0002	Jan 9, 2019	Jul 11, 2018	29/656,290		
WO	Safe Zones in Tracking Device Environments	Pending	PCT/US2017/058340	Oct 25, 2017	Dec 21, 2016	15/387,243	Jun 28, 2018	2018/118211
US	Tracking Device Location Determination in a Communicatively-Restricted Environment	Pending	16/005,254	Jun 11, 2018				
US	Tracking Device Functionality Restriction in a Lost Context	Pending	15/862,491	Jan 4, 2018				
US	User Intervention Based on External Data in a Tracking Device Environment	Pending	15/947,257	Apr 6, 2018	Jun 1, 2016	US62/344392	Aug 9, 2018	2018-0225951
US	Tracking Device	Pending	29/656,288	Jul 11, 2018				
US	Tracking Device	Pending	29/656,290	Jul 11, 2018				
US	Task Completion in a Tracking Device Environment	Pending	16/016,549	Jun 23, 2018	Jul 7, 2017	62/530,019	Jan 10, 2019	2019-0014206
US	Tracking Device Audio Circuit	Pending	16/143,458	Sep 27, 2018	Sep 27, 2018			
WO	Tracking Device Operation in Safety-Classified Zone	Pending	PCT/US2018/044830	Aug 1, 2018	Aug 16, 2017	62/546,454	Feb 21, 2019	2019/036195
US	Unauthorized Tracking Device Detection and Prevention	Pending	16/056,338	Aug 6, 2018	Dec 22, 2016	15/389,092	Nov 29, 2018	2018-0343561
US	Removable Battery Door (Pismo)	Pending	29/663,388	Sep 14, 2018				
US	Location History Access for Lost Tracking Device	Pending	16/132,183	Sep 14, 2018	Nov 11, 2015	14/937,887	Jan 24, 2019	2019-0028839
US	Location History Access for Lost Tracking Device	Pending	16/132,186	Sep 14, 2018	Nov 11, 2015	14/937,887	Jan 10, 2019	2019-0014440
US	User Presence-Enabled Tracking Device Functionality	Pending	16/265,809	Feb 1, 2019				
US	Claiming Ownership of Tracking Devices	Pending	16/274,219	Feb 12, 2019	Feb 12, 2019			
US	Secure and Private Cloud Based Broadcast Identification	Pending	16/241,858	Jan 7, 2019	Apr 6, 2018	15/947,207		
US	Commissioning Electronic Devices for Use in a Tracking System	Pending	16/296,233	Mar 8, 2019	Mar 8, 2019			
US	User Presence-Enabled Tracking Device Functionality	Pending	16/265,813	Feb 1, 2019				
US	Power Preservation in GPS-Equipped Tracking Devices	Pending	16/208,564	Dec 4, 2018	Jul 7, 2016	15/204,864	Apr 11, 2019	2019-0110251
US	User Intervention Based on Learned Behavior in a Tracking Device Environment	Pending	16/184,444	Nov 8, 2018	Jun 1, 2016	62/344,392	Mar 14, 2019	2019-0082295
US	Tracking Device Location Identification	Pending	16/228,474	Dec 20, 2018	Feb 17, 2017	15/897,159		
EP	User Intervention Based on Proximity Between Tracking Devices	Pending	17807236.9	May 22, 2017	Jun 1, 2016	62/344,392	Apr 10, 2019	3465646
WO	Tracking Device Functionality Restriction in a Lost Context	Pending	PCT/US2018/065148	Dec 12, 2018	Jan 4, 2018	15/862,491		
US	Tracking Device Operation in Risk-Classified Zone	Pending	16/217,640	Dec 12, 2018	Aug 16, 2017	62/546,454	Apr 18, 2019	2019-0116454
US	Multi-Device Architecture for Tracking Device Access	Pending	16/288,021	Feb 27, 2019	Oct 13, 2015	14/882,022		
US	Tracking Device Operation in Risk-Classified Zone	Pending	16/268,502	Feb 6, 2019	Aug 16, 2017	62/546,454		

COUNTRY	TITLE	STATUS	APPLICATION NUMBER	FILING DATE	PRIORITY DATE	PRIORITY APPLICATION NUMBER	PUBLICATION DATE	PUBLICATION NUMBER
US	Systems and Methods for Locating a Tracking Device	Pending	16/293,655	Mar 6, 2019	Jan 29, 2013	61/757,731		
US	Tracking Device Search Party Management	Pending	16/296,228	Mar 8, 2019	Nov 12, 2015	14/939,897		
US	User Intervention Based on Proximity Between Tracking Devices	Pending	16/298,951	Mar 11, 2019	Jun 1, 2016	62/344,392		
US	User Intervention Based on Tracking Device Location	Pending	16/296,232	Mar 8, 2019	Jun 1, 2016	62/344,392		
US	Dynamic Tracking Device Reconfiguration	Pending	15/150,415	May 9, 2016			Nov 9, 2017	2017-0324614
US	Removable Battery Door (Diablo)	Pending	29/663,389	Sep 14, 2018				
JP	Tracking Device	Pending	2019-214	Jan 9, 2019	Jul 11, 2018	29/656,288		
JP	Tracking Device	Pending	2019-215	Jan 9, 2019	Jul 11, 2018	29/656,290		
US	Dynamic Selection and Modification of Tracking Device Behavior Models	Unfiled						
US	Tracking Device Operation in Safety-Classified Zone	Unfiled						
US	Safe Zones in Tracking Device Environments	Unfiled						
US	Tracking Device ("Style")	Unfiled						
EP	Safe Zones in Tracking Device Environments	Open						

EXHIBIT C

Trademarks (all owned by Tile, Inc.)

<u>Mark</u>	<u>Country</u>	<u>Registration Date</u>	<u>Registration No.</u>
PRO SERIES	Mexico	6-Nov-2017	1817013
TILE	Argentina	4-Jun-2018	2937794
TILE	Chile	2-May-2018	1274130
TILE	China	28-Jul-2018	19127132
TILE	China	7-Feb-2018	22420059
TILE	China	7-Aug-2018	19127131
TILE	EUTM	17-Sep-2014	12196143
TILE	EUTM	30-Jun-2017	16158768
TILE	Hong Kong	24-Nov-2017	304034295
TILE	Japan	9-Mar-2018	6026036
TILE	New Zealand	31-Jul-2018	1058972
TILE	Norway	1-Nov-2017	294697
TILE	Philippines	20-Apr-2017	4201700000745
TILE	Singapore	23-Feb-2018	40201701198Q
TILE	Switzerland	7-Aug-2017	705713
TILE	Taiwan	16-Jan-2018	1893898
TILE	Turkey	2-Aug-2017	201714207
TILE	United States	11-Sep-2018	5561759
TILE	United States	13-Jan-2015	4672426
TILE (and Chinese Characters) <b>TILE 泰尔</b>	China	21-Nov-2018	22420054
TILE (and Chinese Characters) <b>TILE 泰尔</b>	China	7-Apr-2018	22420060
TILE (and Chinese Characters)	China	21-Apr-2018	22420063

## TILE 泰尔

TILE (and design) (in color)



South Korea

14-Sep-2018

401397410

TILE (in Chinese characters) v1

China

21-Apr-2018

22420056

泰尔

TILE (in Chinese characters) v1

China

7-Apr-2018

22420058

泰尔

TILE (in Chinese characters) v1

China

21-Apr-2018

22420062

泰尔

TILE (in Chinese characters) v2.

China

21-Jun-2016

16824896  
(assignment pending)

瓦片

TILE (in Chinese characters) v2.

China

28-Jun-2016

16825127  
(assignment pending)

瓦片

TILE (stylized)

China

21-Jul-2018

22459107

tile

TILE (stylized)

China

21-Apr-2018

22459106

tile

TILE (stylized)










China




21-Apr-2018

22459105

tile



TILE (stylized) 	EUTM	30-Jun-2017	16158701
TILE (stylized) 	India	22-Jun-2018	3502905
TILE (stylized) 	Japan	9-Mar-2018	6026037
TILE (stylized) 	New Zealand	31-Jul-2018	1058974
TILE (stylized) 	Philippines	4-May-2017	4201700000744
TILE (stylized) 	United States	11-Sep-2018	5561760
TILE Logo 	Australia	16-Aug-2017	1820587
TILE Logo 	China	7-Feb-2018	22420055
TILE Logo 	China	7-Feb-2018	22420061
TILE Logo 	EUTM	30-Jun-2017	16168536
TILE Logo 	Japan	27-Apr-2018	6038743

TILE Logo	New Zealand	18-Jul-2017	1058971
			
TILE Logo	Philippines	20-Apr-2017	4201700000746
			
TILE Logo	South Korea	8-Jun-2018	401366805
			
TILE Logo v.1	United States	6-Jan-2015	4668213
			
TILE MATE	Australia	16-Aug-2017	1820590
TILE MATE	EUTM	18-Apr-2017	16158776
TILE MATE	Japan	25-Aug-2017	5975336
TILE MATE	New Zealand	18-Jul-2017	1058973
TILE MATE	Philippines	20-Apr-2017	4201700000747
TILE MATE	South Korea	2-May-2018	401355845
TILE MATE	United States	30-Jan-2018	5389507
TILE SLIM	Australia	1-Feb-2017	1800142
TILE SLIM	Canada	4-Dec-2018	TMA1010318
TILE SLIM	China	21-Nov-2017	21470365
TILE SLIM	EUTM	25-Jan-2017	15874746
TILE SLIM	India	13-Mar-2018	3377834
TILE SLIM	Japan	24-Feb-2017	5926241
TILE SLIM	New Zealand	4-Apr-2017	1052173
TILE SLIM	Philippines	17-Dec-2017	42016011968
TILE SLIM	South Korea	29-Dec-2017	401317248
TILE SLIM	United States	20-Jun-2017	5229141

TILE TOGETHER WE FIND	EUTM	3-May-2018	17625286
TOGETHER WE FIND	EUTM	3-May-2018	17628033
TOGETHER WE FIND	Japan	19-Oct-2018	6090670

#### TRADEMARK APPLICATIONS

<u>Mark</u>	<u>Country</u>	<u>Application Date</u>	<u>Application No.</u>
TILE	Argentina	16-Jan-2017	3573717
TILE	Argentina	16-Jan-2017	3573719
TILE	Australia	16-Jan-2017	1820588
TILE	Brazil	24-Jan-2017	912201185
TILE	Canada	10-Mar-2017	1826771
TILE	Colombia	15-Feb-2017	SD20170010616
TILE	India	3-Mar-2017	3502900
TILE	India	3-Mar-2017	3502901
TILE	India	3-Mar-2017	3502902
TILE	Mexico	20-Jan-2017	1844628
TILE	Mexico	20-Jan-2017	1844629
TILE	Mexico	20-Jan-2017	1844630
TILE	South Africa	19-Jan-2017	201701470
TILE	South Africa	19-Jan-2017	201701471
TILE	South Africa	19-Jan-2017	201701472
TILE	South Korea	20-Mar-2017	4020170035291
TILE	Thailand	24-Jan-2017	170102494
TILE	Venezuela	15-Mar-2017	2017004739
TILE	Venezuela	15-Mar-2017	2017004740
TILE	Venezuela	15-Mar-2017	2017004741
TILE (and Chinese Characters)	China	24-Nov-2017	27680489

TILE 泰尔

TILE (stylized)	Australia	16-Jan-2017	1820592
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tile

TILE (stylized)	Canada	10-Mar-2017	1826777
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tile

TILE (stylized)	India	3-Mar-2017	3502903
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tile


TILE (stylized)	India	3-Mar-2017	3502904
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tile

TILE (stylized)	South Korea	20-Mar-2017	4020170035293
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tile


TILE Logo	Canada	10-Mar-2017	1826767
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TILE Logo	India	25-Feb-2017	3492959
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TILE Logo	United States	19-Dec-2016	87272944
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TILE MATE	Canada	10-Mar-2017	1826778
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TILE MATE	China	28-Dec-2016	22420057
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TILE MATE	India	24-Feb-2017	3492954
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TOGETHER WE FIND	Australia	24-Jan-2018	1902119
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TOGETHER WE FIND	Canada	24-Jan-2018	1879315
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TOGETHER WE FIND	United States	24-Jul-2017	87539915
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EXHIBIT D

Mask Works

<u>Grantor</u>	<u>Description/Title</u>	Registration/ Application <u>Number</u>	Registration/ Application <u>Date</u>
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None.