504077230 11/02/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYA	ANCE:	ASSIGNMENT		
CONVEYING PARTY	ΟΑΤΑ			
	Execution Date			
GUILHERME DE BARF	ROS CHA	PIEWSKI	10/28/2016	
MELODY QUINTANA			10/28/2016	
MAYANK KUMAR	10/28/2016			
TYLER LETTAU			10/27/2016	
WAYNE PATTERSON			10/27/2016	
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PROPERTY NUMBERS Total: 1 Property Type		Number		
Application Number:		15339747		
CORRESPONDENCE	DATA			
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Phone: Email: Correspondent Name Address Line 1: Address Line 4: NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3 source=34115_US_Fully	: /_Execute	npasciucco@fenwick.com ANTHONY T. JACOBSON 801 CALIFORNIA STREET MOUNTAIN VIEW, CALIFORNIA 9404 ANTHONY T. JACOBSON, REC /Anthony T. Jacobson/ 11/02/2016	G NO. 72,388 t#page1.tif	
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COMBINED DECLARATION/ASSIGNMENT (37 CFR 1.63)

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Tile, Inc.**, a Delaware Corporation, having a place of business at 2121 South El Camino Real, Suite C100, San Mateo, CA 94403 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. <u>15/339,747</u>, entitled "User Intervention Based on Learned Behavior in a Tracking Device Environment," filed on <u>October 31, 2016</u>, which claims priority from a provisional application, filed on June 1, 2016, now bearing U.S. Application No. 62/344,392.
- 2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

31260/34115/SF/5586137.1

Title: User Intervention Based on Learned Behavior in a Tracking Device Environment							
Filed:	October 31, 2016	Attorney Docket #:	31260-34115/US				
Application #:	15/339,747						

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature						
Guitherne	de	Валлос	Chapievski			

Guilherme de Barros Chapiewski

Name and Signature

marintim

Melody Quintana

Name and Signature

Muyand

Mayank Kumar

Date of Signature

Date of Signature

Oct 28, 2016

Oct 28, 2016

Date of Signature

Oct 28, 2016

Title:	itle: User Intervention Based on Learned Behavior in a Tracking Device Environment					
Filed:	October 31, 2016	Attorney Docket #:	31260-34115/US			
Application #:	15/339,747					

Name and Signature

tyler james lettau

Tyler Lettau

Name and Signature

Wayne Patrekson

Date of Signature

Oct 27, 2016

Date of Signature

Wayne Patterson

Oct 27, 2016