

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5042041

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRADLEY E JOHANSON	04/26/2018
ARMANDO FOX	04/23/2018
PATRICK HANRAHAN	04/27/2018
TERRY WINOGRAD	04/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TIDEBREAK, INC.
<b>Street Address:</b>	PO BOX 855
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94302
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7702729
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	1-650-996-8711
<b>Email:</b>	bradj@tidebreak.com
<b>Correspondent Name:</b>	BRAD JOHANSON
<b>Address Line 1:</b>	PO BOX 855
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94302
<b>NAME OF SUBMITTER:</b>	BRAD JOHANSON
<b>SIGNATURE:</b>	/Brad Johanson/
<b>DATE SIGNED:</b>	07/09/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 8</b>	
source=2018-04-17-tidebreak-event-heap-patent-assignment-fox-signed#page1.tif	
source=2018-04-17-tidebreak-event-heap-patent-assignment-fox-signed#page2.tif	
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source=2018-04-26-tidebreak-event-heap-patent-assignment-winograd-signed#page2.tif



## **INTELLECTUAL PROPERTY ASSIGNMENT**

THIS INTELLECTUAL PROPERTY ASSIGNMENT (this "***IP Assignment***") is made and entered into as of February 17, 2018 (the "***Effective Date***"), by and between Armando Fox ("***Assignor***"), and Tidebreak, Inc., a Delaware corporation ("***Assignee***").

WHEREAS, Assignor is an owner of U.S. Patent Number US7702729B2, dated April 20<sup>th</sup>, 2010, titled "Event heap: a coordination infrastructure for dynamic heterogeneous application interactions in ubiquitous computing environments", (the "Patent").

WHEREAS, Assignee desires to acquire rights in and to the Patent.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in the Patent.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on the Patents, to issue same to Assignee, its successors or assigns, in accordance with the terms of this IP Assignment.

Assignor covenants and agrees that it will generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper protection on the Patent in all countries, including, without limitation, communicating to Assignee, its successors, legal representatives and assigns, any facts known to it with respect to the Patent; and providing Assignee, its successors, legal representations and assigns reasonable cooperation and assistance at Assignee's reasonable request and expense in the preparation and prosecution of any applications, United States or foreign, and in the implementation or perfection of this IP Assignment, covering the inventions assigned herein, including (a) the execution and delivery of any and all affidavits, declarations, oaths, available exhibits, assignments, powers of attorney or other declaration as may be reasonably required, and (b) cooperation and assistance in obtaining any support agreed to by any co-inventors and co-owners.

Assignor covenants and agrees that it has the full right to convey their entire right, title and interest herein assigned, and that it has not executed, and will not execute, any agreement or other documents in conflict herewith.

This Patent Assignment shall be governed by California law without regard to conflicts of laws principles applicable thereto and may be executed in counterparts, any one of which need not contain the signatures of more than one party, but all of which, taken together, will constitute one and the same agreement.

*[Signatures on Next Page]*

IN WITNESS WHEREOF, the undersigned have executed this instrument as of  
April 23 \_\_\_\_\_, 2018.



\_\_\_\_\_  
Armando Fox

Title: \_\_\_\_\_

## INTELLECTUAL PROPERTY ASSIGNMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT (this "*IP Assignment*") is made and entered into as of February 17, 2018 (the "*Effective Date*"), by and between Patrick Hanrahan ("*Assignor*"), and Tidebreak, Inc., a Delaware corporation ("*Assignee*").

WHEREAS, Assignor is an owner of U.S. Patent Number US7702729B2, dated April 20<sup>th</sup>, 2010, titled "Event heap: a coordination infrastructure for dynamic heterogeneous application interactions in ubiquitous computing environments", (the "Patent").

WHEREAS, Assignee desires to acquire rights in and to the Patent.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in the Patent.

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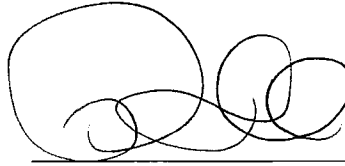
Assignor covenants and agrees that it will generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper protection on the Patent in all countries, including, without limitation, communicating to Assignee, its successors, legal representatives and assigns, any facts known to it with respect to the Patent; and providing Assignee, its successors, legal representations and assigns reasonable cooperation and assistance at Assignee's reasonable request and expense in the preparation and prosecution of any applications, United States or foreign, and in the implementation or perfection of this IP Assignment, covering the inventions assigned herein, including (a) the execution and delivery of any and all affidavits, declarations, oaths, available exhibits, assignments, powers of attorney or other declaration as may be reasonably required, and (b) cooperation and assistance in obtaining any support agreed to by any co-inventors and co-owners.

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[Signatures on Next Page]

IN WITNESS WHEREOF, the undersigned have executed this instrument as of  
4/27, 2018.

A handwritten signature in black ink, consisting of a large loop followed by several smaller, overlapping loops.

\_\_\_\_\_  
Patrick Hanrahan

Title: Professor

## INTELLECTUAL PROPERTY ASSIGNMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT (this "*IP Assignment*") is made and entered into as of February 17, 2018 (the "*Effective Date*"), by and between Bradley E. Johanson ("*Assignor*"), and Tidebreak, Inc., a Delaware corporation ("*Assignee*").

WHEREAS, Assignor is an owner of U.S. Patent Number US7702729B2, dated April 20<sup>th</sup>, 2010, titled "Event heap: a coordination infrastructure for dynamic heterogeneous application interactions in ubiquitous computing environments", (the "Patent").

WHEREAS, Assignee desires to acquire rights in and to the Patent.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in the Patent.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on the Patents, to issue same to Assignee, its successors or assigns, in accordance with the terms of this IP Assignment.

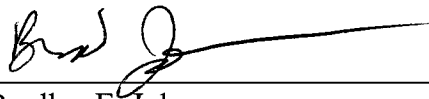
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[Signatures on Next Page]

IN WITNESS WHEREOF, the undersigned have executed this instrument as of  
April 26 2018.

  
\_\_\_\_\_  
Bradley E. Johanson

Title: \_\_\_\_\_



## INTELLECTUAL PROPERTY ASSIGNMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT (this "*IP Assignment*") is made and entered into as of February 17, 2018 (the "*Effective Date*"), by and between Terry Winograd ("*Assignor*"), and Tidebreak, Inc., a Delaware corporation ("*Assignee*").

WHEREAS, Assignor is an owner of U.S. Patent Number US7702729B2, dated April 20<sup>th</sup>, 2010, titled "Event heap: a coordination infrastructure for dynamic heterogeneous application interactions in ubiquitous computing environments", (the "Patent").

WHEREAS, Assignee desires to acquire rights in and to the Patent.

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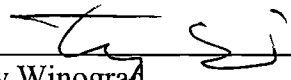
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[Signatures on Next Page]



IN WITNESS WHEREOF, the undersigned have executed this instrument as of  
4/27 \_\_\_\_\_, 2018.

  
\_\_\_\_\_  
Terry Winograd

Title: \_\_\_\_\_