

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6350773

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MATEUSZ FEDORYSZAK	02/20/2020
	BRENT FREDERICK	03/03/2020
	VIJAYENDRASASTHA RAJARAM	03/05/2020
	CHANGTAO ZHONG	02/21/2020
RECEIVING PARTY DATA		
Name:	TWITTER, INC.	
Street Address:	1355 MARKET STREET	
Internal Address:	SUITE 900	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94103	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16776375	
CORRESPONDENCE DATA		
Fax Number:	(202)470-6464	
<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>		
Phone:	2024706450	
Email:	paralegal@effectualservices.com	
Correspondent Name:	BRAKE HUGHES BELLERMANN LLP	
Address Line 1:	PO BOX 1077	
Address Line 4:	MIDDLETOWN, MARYLAND 21769	
ATTORNEY DOCKET NUMBER:	0124-093001	
NAME OF SUBMITTER:	JARED SCHOLZ	
SIGNATURE:	/Jared Scholz, Reg. No. 64088/	
DATE SIGNED:	10/15/2020	
Total Attachments: 5		
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source=0124-093001_ Executed Assignment#page2.tif
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INNOVATOR's PATENT AGREEMENT (IPA), Version 1.0

This INNOVATOR's PATENT AGREEMENT ("Agreement") is made between the person(s) named below (collectively referred to as "Inventors") and Twitter, Inc., a Delaware corporation, having a place of business at 1355 Market Street, Suite 900, San Francisco, CA 94103 ("Company").

WHEREAS the Inventors have invented certain patentable subject matter which they desire to assign to the Company;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

1. Subject to the terms and conditions herein, Inventors do hereby sell, assign, and transfer and have sold, assigned, and transferred to the Company, for itself and its successors, transferees, and assignees, the entire worldwide right, title, and interest in and to the following patent application(s):

Title	Application No.	Filed on
REAL-TIME EVENT DETECTION ON SOCIAL MEDIA STREAMS	16/776,375	January 29, 2020

including (a) any and all inventions and improvements ("Subject Matter") disclosed therein; (b) all right of priority in the above application(s) and in any underlying provisional or foreign application; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; and (d) all patents ("Patents"), including reissues and reexaminations, which may be granted on any of the above applications, together with all rights to recover damages for infringement, including infringement of provisional rights.

2. The Company, on behalf of itself and its successors, transferees, and assignees (collectively the "Assignee"), agrees not to assert any claims of any Patents which may be granted on any of the above applications unless asserted for a Defensive Purpose. An assertion of claims of the Patents shall be considered for a "Defensive Purpose" if the claims are asserted:

(a) against an Entity that has filed, maintained, threatened, or voluntarily participated in a patent infringement lawsuit against Assignee or any of Assignee's users, affiliates, customers, suppliers, or distributors;

(b) against an Entity that has filed, maintained, or voluntarily participated in a patent infringement lawsuit against another in the past ten years, so long as the Entity has not instituted the patent infringement lawsuit defensively in response to a patent litigation threat against the Entity; or

(c) otherwise to deter a patent litigation threat against Assignee or Assignee's users, affiliates, customers, suppliers, or distributors.

If Assignee needs to assert any of the Patent claims against any Entity for other than a Defensive Purpose, Assignees must obtain prior written permission from all of the Inventors without additional consideration or threat.

"Entity" means an individual, partnership, corporation, limited liability company, association, joint venture, trust, unincorporated organization or other entity. "Affiliate" means with respect to any Entity, any other Entity, whether or not existing on the date hereof, controlling controlled by or under common control with such first Entity. The term "control" (including with correlative meaning the terms "controlled by" and "under common control with"), as used with respect to any Entity, means the possession, directly or indirectly, of the power to direct or cause the direction or management

and policies of such Entity, whether through the ownership of voting securities, by contract or otherwise.

Assignee acknowledges and agrees that the above promises are intended to run with the Patents and are binding on any future owner, assignee or exclusive licensee who has been given the right to enforce any claims of the Patents against third parties. Assignee covenants with Inventors that any assignment or transfer of its right, title, or interest herein will be conveyed with the promises herein as an encumbrance.

3. Inventors agree that Assignee may apply for and receive patents for Subject Matter in Assignee's own name. Inventors agree, when requested, and without further consideration, to execute all papers necessary to fully secure to Assignee the rights, titles and interests herein conveyed. Inventors represent that Inventors have the rights, titles, and interests to convey as set forth herein; and Inventors covenant with Assignee that Inventors have not made and will not make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed, except as explicitly set forth herein.
4. The Assignee hereby grants to the Inventors a perpetual, worldwide, non-exclusive, royalty-free, no-charge irrevocable license under the Patents, the license explicitly limited to those rights necessary to enforce the promises made by Assignee in section 2. Accordingly, if Assignee asserts any of the Patent claims against any entity in a manner that breaks the promises of section 2, the Inventors, individually or jointly, may grant written nonexclusive sublicenses, without the right to further sublicense, the scope of the sublicense being limited to those rights necessary to enforce the promises made by Assignee in section 2.

Any sublicense granted by the Inventors under this section must be without threat or additional consideration; otherwise, the sublicense will be considered void ab initio. This license to the Inventors is not assignable, although the license shall pass to the heirs of an inventor in the case that the inventor is deceased, and the Inventors, individually or jointly, may appoint a representative who may act on their behalf in granting sublicenses under this section. Assignee acknowledges and agrees that the promises in section 2 and 4 are intended to benefit third parties, except in the case of an assertion of claims of the Patents authorized under section 2.

AGREED TO AND ACCEPTED:

 Inventor
Mateusz Fedoryszak

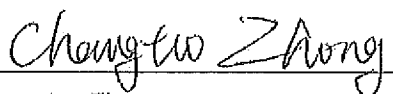
Date: 2/20/20

 Inventor
Brent Frederick

Date: 3/3/2020

Vijay Rajaram

Date: _____

 Inventor
Changtao Zhong

Date: 2/21/2020

Twitter, Inc.

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AGREED TO AND ACCEPTED:

Mateusz Fedoryszak Inventor Date: _____

Brent Frederick Inventor Date: _____


Vijayendrasastha Rajaram Inventor Date: 3/5/2020

Changtao Zhong Inventor Date: _____


Julian D. Moore (JUL 8, 2020 1:54:48 PM) **Twitter, Inc.**

Signature: *Julian D Moore*
Julian D. Moore (2019, 2020 13:44 PST)

Email: jdmoore@twitter.com

Title: Director, Legal

Company: Twitter, Inc.