

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5627340

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMANDA CHAUDHARY	03/14/2017
DAVID STEINWEDEL	03/14/2017
JOHN SHIMMIN	03/13/2017
RANDAL LEISTIKOW	03/13/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SMULE, INC.
<b>Street Address:</b>	139 TOWNSEND STREET
<b>Internal Address:</b>	SUITE 300
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94107
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16403939
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)200-0853
<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>	5128678457
<b>Email:</b>	paula.cunningham@haynesboone.com
<b>Correspondent Name:</b>	HAYNES AND BOONE LLP
<b>Address Line 1:</b>	2323 VICTORY AVENUE
<b>Address Line 2:</b>	SUITE 700
<b>Address Line 4:</b>	DALLAS, TEXAS 75219
<b>ATTORNEY DOCKET NUMBER:</b>	50342.66US03
<b>NAME OF SUBMITTER:</b>	PAULA S. CUNNINGHAM
<b>SIGNATURE:</b>	/Paula S. Cunningham/
<b>DATE SIGNED:</b>	07/19/2019
<b>Total Attachments: 5</b>	

source=50342-66US03 executed Assigment of Chaudhary-Steinwedel-Shimmin-Leistikow#page1.tif  
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**ASSIGNMENT OF INVENTION**

For good and valuable consideration, the receipt of which is hereby acknowledged,  
I, an ASSIGNOR named below,

Amanda Chaudhary of San Francisco, CA  
David Steinwedel of San Francisco, CA  
John Shimmin of San Francisco, CA  
Lance Jabr of San Francisco, CA  
Randal Leistikow of Denver, CO

hereby sell, assign and transfer to

ASSIGNEE: SMULE, INC.,

its successors, assigns and legal representatives, my entire right, title and interest throughout  
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- U.S. Patent Application executed on or about the date of this Assignment,
- U.S. Patent Application executed on \_\_\_\_\_, or
- U.S. Patent Application No.: \_\_\_\_\_ filed on June 9, 2016
- International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: **CROWD-SOURCED DEVICE LATENCY ESTIMATION  
FOR SYNCHRONIZATION OF RECORDINGS IN VOCAL  
CAPTURE APPLICATIONS**, and naming as

INVENTOR(S): Amanda Chaudhary, David Steinwedel, John Shimmin, Lance Jabr,  
Randall Leistikow

including without limitation, my entire right, title and interest in and to U.S. Provisional  
Application 62/173,337, filed 06-09-2015 and, more generally, in and to any and all United  
States and foreign applications (including any and all provisional, international, regional and  
foreign national applications) for said invention(s), including divisions, continuations,  
continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all  
patents of every country or region that may be granted or have been granted for said  
invention(s), including any reissues and reexaminations thereof.

For avoidance of doubt and to the extent that I am subject to a prior agreement to transfer  
right, title or interest in the disclosed invention(s) to ASSIGNEE, this Assignment confirms  
that transfer and further effectuates the transfer of any and all of the aforementioned rights,  
title and interests that, on the date of my execution of this Assignment, are not already vested  
in ASSIGNEE.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that  
the application number and filing date be inserted here, if not already shown above,  
(\_\_\_\_\_/\_\_\_\_\_, filed \_\_\_\_\_) when they become known.

This Assignment may also serve as an oath or declaration in accord with 37 C.F.R. § 1.63(e)  
and, as such, as an inventor executing below, I do hereby state that I believe I am the original  
inventor or an original joint inventor of an invention claimed in any above-identified U.S.

ASSIGNMENT OF INVENTION

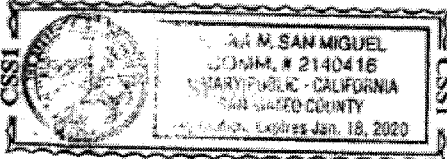
Patent Application or International Application designating the United States and do hereby state that such application is and was made or authorized to be made by me.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all U.S. and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on March 19, 2012 by *Amanda Chaudhary*  
*Amanda Chaudhary*  
 ----- Notary Use Below -----  
**ACKNOWLEDGMENT**  
 State of CALIFORNIA  
 County of SAN FRANCISCO  
 On MARCH 14, 2012, before me, FRANCA SAN MIGUEL  
 (Date) (Printed Name of Notary)  
 personally appeared Amanda Chaudhary  
 (Printed Name of Inventor)  
 who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.  
 I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.  
 WITNESS my hand and official seal.  
  
*[Signature]*  
 Signature of Notary

Executed on March 14, 2017 by David Steinwedel  
David Steinwedel

----- Notary Use Below -----

**ACKNOWLEDGMENT**

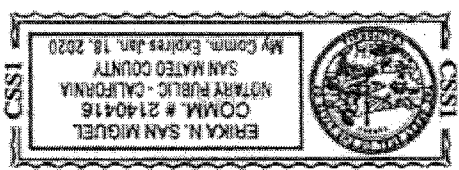
State of CALIFORNIA  
County of SAN FRANCISCO

On March 14, 2017 before me, ERIKA SAN MIGUEL  
(Date) (Printed Name of Notary)

personally appeared David Steinwedel  
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.  
[Signature]  
Signature of Notary

ASSIGNMENT OF INVENTION

Executed on 3/13, 2017 by *[Signature]*  
John Shimmin

----- Notary Use Below -----

ACKNOWLEDGMENT

State of CALIFORNIA  
County of SAN FRANCISCO

On 3/13/2017, before me, ERIKA <sup>NOTARY</sup> SAN MIGUEL  
(Date) (Printed Name of Notary)

personally appeared John Shimmin  
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

*[Signature]*  
Signature of Notary

ASSIGNMENT OF INVENTION

Executed on March 13, 2017 by Randal Leistikow  
Randal Leistikow

----- Notary Use Below -----

**ACKNOWLEDGMENT**

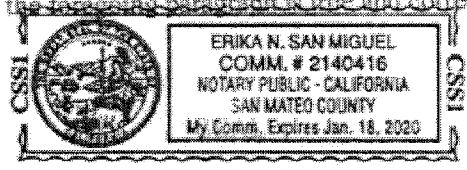
State of \_\_\_\_\_  
County of \_\_\_\_\_

On March 13, 2017, before me, ERIKA SAN MIGUEL  
(Date) (Printed Name of Notary)

personally appeared Randal Leistikow  
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.  
[Signature]  
Signature of Notary