

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4577929

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SPENCER SALAZAR	03/24/2016
REBECCA A. FIEBRINK	03/24/2016
GE WANG	03/02/2016
MATTIAS LJUNGSTROM	03/18/2016
JEFFREY SMITH	03/01/2016
PERRY COOK	02/04/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SMULE, INC.
<b>Street Address:</b>	139 TOWNSEND
<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>	15694461
<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>	512-338-6300
<b>Email:</b>	paula.cunningham@haynesboone.com
<b>Correspondent Name:</b>	HAYNES AND BOONE, LLP (50342) IP SECTION
<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>	50342.32US03
<b>NAME OF SUBMITTER:</b>	PAULA S. CUNNINGHAM
<b>SIGNATURE:</b>	/Paula S. Cunningham/
<b>DATE SIGNED:</b>	09/01/2017

PATENT

**Total Attachments: 8**

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**ASSIGNMENT OF INVENTION**

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

Spencer Salazar	of	San Francisco, CA
Rebecca A. Fiebrink	of	Timmins, Canada
Ge Wang	of	San Francisco, CA
Mattias Ljungstrom	of	Berlin, Germany
Jeffrey Smith	of	Atherton, CA
Perry Cook	of	Applegate, OR

hereby sell, assign and transfer to

ASSIGNEE: Smule, Inc. 139 Townsend, Suite 300, San Francisco, CA 94107,

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.: 14/856,152, filed on September 16, 2015
- International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: **Continuous Score-Coded Pitch Correction**, and naming as

INVENTOR(S): Spencer Salazar, Rebecca A. Fiebrink, Ge Wang, Mattias Ljunstrom, Jeffrey Smith and Perry Cook

including without limitation, my entire right, title and interest in and to U.S. Provisional Application 61/286,749, filed 12/15/09 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 3-24, 2016 by Spencer Salazar

Notary Use Below

ACKNOWLEDGMENT

State of California  
County of Monterey

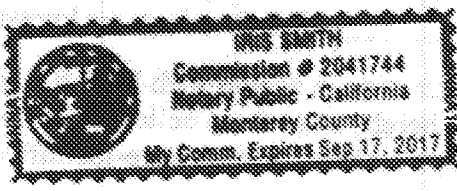
On March 24, 2016, before me, IRIS SMITH, Notary Public  
(Date) (Printed Name of Notary)

personally appeared Spencer Salazar  
(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.



IRIS SMITH  
Signature of Notary

Executed on March 24, 2016 by Rebecca A. Fishink  
Rebecca A. Fishink

Notary Use Below  
Great Britain and Northern Ireland  
ACKNOWLEDGMENT  
London, England

State of \_\_\_\_\_ ) Embassy of the United States of America } SS  
County of \_\_\_\_\_ )

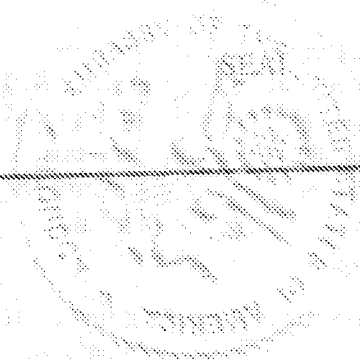
On 24 MAR 2016, before me, Sylvie Young  
(Date) (Printed Name of Notary)

personally appeared Rebecca A. Fishink  
(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 \_\_\_\_\_ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.  
Sylvie Young  
Vice Consul  
Signature of \_\_\_\_\_  
United States of America  
London, England  
Commission Indefinite



This document contains Two pages,  
Each initialled by the affiant/grantor.

**ASSIGNMENT OF INVENTION**

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

Spencer Salazar of San Francisco, CA  
Rebecca A. Fiebrink of Timmins, Canada  
Ge Wang of San Francisco, CA  
Mattias Ljungstrom of Berlin, Germany  
Jeffrey Smith of Atherton, CA  
Perry Cook of Applegate, OR

hereby sell, assign and transfer to

ASSIGNEE: Smule, Inc. 139 Townsend, Suite 300, San Francisco, CA 94107,

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.: 14/856,152, filed on September 16, 2015
- International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: Continuous Score-Coded Pitch Correction, and naming as

INVENTOR(S): Spencer Salazar, Rebecca A. Fiebrink, Ge Wang, Mattias Ljungstrom, Jeffrey Smith and Perry Cook

including without limitation, my entire right, title and interest in and to U.S. Provisional  
Application 61/286,749, filed 12/15/09 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.

Executed on March 2, 2016 by Ge Wang

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

**ACKNOWLEDGMENT**

State of CALIFORNIA  
County of SAN FRANCISCO, CA

On March 2, 2016 before me, ERIKA SAN MIGUEL, NOTARY  
(Date) (Printed Name of Notary)

personally appeared Ge Wang  
(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 03/19, 2016 by [Signature]  
**Mattias Ljungstrom**

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

**ACKNOWLEDGMENT**

State of CALIFORNIA  
County of SAN FRANCISCO

On 18<sup>th</sup> of March, 2016 before me, ERIKA SAN MIGUEL <sup>NOTARY</sup> NOTARY  
(Date) (Printed Name of Notary)

personally appeared Mattias Ljungstrom  
(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 1, 2016 by Jeffrey Smith

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

ACKNOWLEDGMENT

State of CALIFORNIA  
County of SAN FRANCISCO

On March 1, before me, ERIKA SAN MIGUEL <sup>NOTARY</sup> NOTARY PUBLIC  
(Date) (Printed Name of Notary)

personally appeared Jeffrey Smith  
(Printed Name of Inventor)

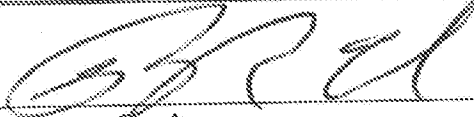
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which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



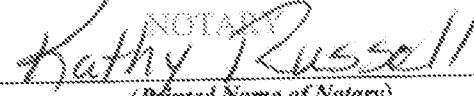
[Signature]  
Signature of Notary

Executed on Feb 4, 2016, 2016 by   
Perry Cook

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

**ACKNOWLEDGMENT**

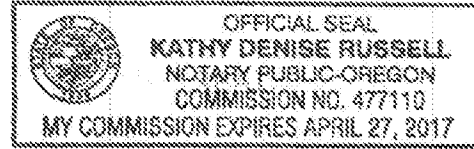
State of Oregon )  
County of Jackson )

On February 4, 2016 before me,   
(Date) NOTARY  
(Printed Name of Notary)

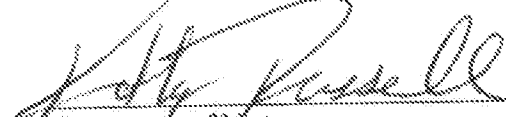
personally appeared Perry Cook  
(Printed Name of Inventor)

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 Oregon that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

  
Signature of Notary