

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5151343

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID STEINWEDEL	09/07/2018
PAUL T CHI	09/18/2018
WEI ZHOU	09/14/2018
JON MOLDOVER	09/10/2018
ANTON HOLMBERG	09/17/2018
<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: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16107351
<b>PCT Number:</b>	US2018047325
<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>	50342.101US01
<b>NAME OF SUBMITTER:</b>	PAULA S CUNNINGHAM
<b>SIGNATURE:</b>	/Paula S Cunningham/
<b>DATE SIGNED:</b>	09/20/2018

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,

David Steinwedel	of	San Francisco, CA
Perry R. Cook	of	Jacksonville, OR
Paul T. Chi	of	San Jose, CA
Wei Zhou	of	San Francisco, CA
Jon Moldover	of	San Francisco, CA
Anton Holmberg	of	Berkeley, CA
Jingxi Li	of	Mountain View, CA

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 No.: 16/107,351, filed on August 21, 2018,

International Application No.: PCT/US2018/04732, filed on August 21, 2018,

ENTITLED: AUDIO-VISUAL EFFECTS SYSTEM FOR AUGMENTATION OF CAPTURED PERFORMANCE BASED ON EMOTIONAL CONTENT THEREOF, and naming as

INVENTOR(S): David Steinwedel, Perry R. Cook, Paul T. Chi, Wei Zhou, Jon Moldover, Anton Holmberg, Jingxi Li,

including without limitation, my entire right, title and interest in and to U.S. Provisional Application 62/548,122, filed August 21, 2017 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.

## ASSIGNMENT OF INVENTION

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. 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.

ASSIGNMENT OF INVENTION

Executed on Sept. 7, 2018 by David Steinwedel  
David Steinwedel

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

ACKNOWLEDGMENT

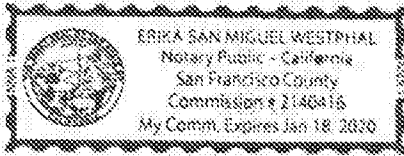
State of CALIFORNIA  
County of SAN FRANCISCO

On SEPTEMBER 7<sup>2018</sup>, before me, ERIKA WESTPHAL, NOTARY PUBLIC  
(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 \_\_\_\_\_, 20\_\_ by \_\_\_\_\_

**Perry R. Cook**

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

**ACKNOWLEDGMENT**

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )

NOTARY

On \_\_\_\_\_, before me, \_\_\_\_\_,

(Date)

(Printed Name of Notary)

personally appeared **Perry R. 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 \_\_\_\_\_ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SEAL

\_\_\_\_\_  
Signature of Notary

ASSIGNMENT OF INVENTION

Executed on 9/18, 2018 by Paul T. Chi  
Paul T. Chi

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

**ACKNOWLEDGMENT**

State of CALIFORNIA )  
County of SAN FRANCISCO )

On SEPT 18 2018, before me, ERIKA WESTPHAL, NOTARY PUBLIC  
(Date) (Printed Name of Notary)

personally appeared Paul T. Chi  
(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 09/14, 2018 by Zhou Wei [Signature]  
Wei Zhou

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

ACKNOWLEDGMENT

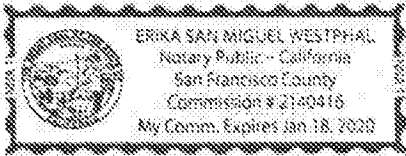
State of CALIFORNIA  
County of SAN FRANCISCO

On SEPT 14, 2018, before me, ERIKA WESTPHAL, NOTARY PUBLIC  
(Date) (Printed Name of Notary)

personally appeared Wei Zhou  
(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 Sept 10, 2018 by [Signature]  
Jon Moldover

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

**ACKNOWLEDGMENT**

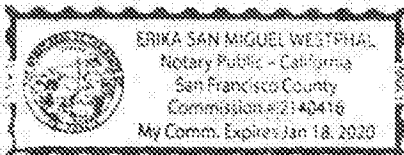
State of CALIFORNIA )  
County of SAN FRANCISCO )

On SEPT 10, 2018, before me, ERIKA WESTPHAL, NOTARY PUBLIC  
(Date) (Printed Name of Notary)

personally appeared Jon Moldover  
(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 9/17, 2018 by Anton Holmberg  
Anton Holmberg

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

ACKNOWLEDGMENT

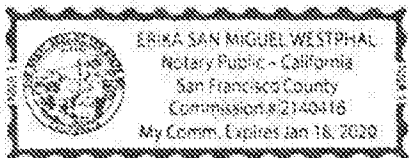
State of CALIFORNIA )  
County of SAN FRANCISCO )

On SEPT 17, 2018, before me, ERIKA WESTPHAL, NOTARY PUBLIC  
(Date) (Printed Name of Notary)

personally appeared Anton Holmberg  
(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