PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6761157

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN M. NI	03/26/2021
JACKSON GARDNER	03/28/2021
CHARLES BRADFORD	03/26/2021
SEAN STANEK	03/26/2021
ROSS ALAN CAMERON GARDNER	03/26/2021
TYLER MCDOWALL	03/29/2021
PHILLIP CARTER	03/29/2021
FLORIAN PATRICK NIERHAUS	03/26/2021
SANG JIN LEE	03/26/2021

RECEIVING PARTY DATA

Name:	TWITCH INTERACTIVE, INC.
Street Address:	225 BUSH STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16682994

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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.

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Email: Assignments@bakerlaw.com

Correspondent Name: BAKER HOSTETLER Address Line 1: 2929 ARCH STREET

Address Line 2: CIRA CENTRE, 12TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104-2891

ATTORNEY DOCKET NUMBER: 101058.000987 DEBORAH WHIPPLE NAME OF SUBMITTER:

SIGNATURE:	/Deborah Whipple/
DATE SIGNED:	06/14/2021
	This document serves as an Oath/Declaration (37 CFR 1
otal Attachments: 14	•
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U.S. Patent Appln. No. 16/682,994

Attorney Docket No. <u>101058.000987</u>

Filing Date November 13, 2019

Client Docket No. P67816-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):

Kevin M. Ni 225 Bush Street

San Francisco, CA 94104

Jackson Gardner 225 Bush Street

San Francisco, CA 94104

Charles Bradford

225 Bush Street

San Francisco, CA 94104

Sean Stanek

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Tyler McDowall

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Phillip Carter

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San Francisco, CA 94104

Furgan Rydhan

225 Bush Street

San Francisco, CA 94104

Florian Patrick Nierhaus

225 Bush Street

San Francisco, CA 94104

Sang Jin Lee

225 Bush Street

San Francisco, CA 94104

Assignee:

Twitch Interactive, Inc.

225 Bush Street

San Francisco, CA 94104

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"Smart Color-Based Background Replacement" (Invention) for which a non-provisional application

for United States Letters Patent (Application):

was filed on and accorded U.S. Application No. 16/682,994; or

Page 1 of 11 **PATENT** REEL: 056536 FRAME: 0910

U.S. Patent Appln. No. 16/682,994

Attorney Docket No. 101058.000987

Filing Date November 13, 2019

Client Docket No. P67816-US01

Title of Invention: Smart Color-Based Background Replacement

Inventors: Kevin M. Ni, Jackson Gardner, Charles Bradford, Sean Stanek, Ross Alan Cameron Gardner, Tyler McDowall, Phillip Carter, Furgan Rydhan, Florian Patrick Nierhaus and Sang Jin

Lee

☐ will be filed concurrently with the submission of this executed PATENT ASSIGNMENT

for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Baker & Hostetler, LLP, associated with Customer No. 136593, to insert in the header above and

here in parentheses (U.S. Patent Application No. 16/682,994, filed November 13, 2019 this

application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the

entire right, title and interest in and to the Invention and in and to any letters patent that may

be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of

which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its

successors and assigns, the entire right, title and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all provisional, divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said Application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said

Invention, Application and all letters patent on said Invention to be held and enjoyed by

ASSIGNEE and its successors and assigns for their use and benefit and of their successors and

U.S. Patent Appln. No. 16/682,994

Attorney Docket No. 101058.000987

Filing Date November 13, 2019

Client Docket No. P67816-US01

Title of Invention: Smart Color-Based Background Replacement

Inventors: Kevin M. Ni, Jackson Gardner, Charles Bradford, Sean Stanek, Ross Alan Cameron Gardner, Tyler McDowall, Phillip Carter, Furgan Rydhan, Florian Patrick Nierhaus and Sang Jin

Lee

assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had

this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request

the Commissioner of Patents and Trademarks, as well as all other applicable patent offices

throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S)

agree to execute all instruments and documents required for the making and prosecution of

applications for United States and foreign letters patent on said Invention, for litigation

regarding said letters patent, or for the purpose of protecting title to said Invention or letters

patent therefor.

AND ASSIGNOR(S) DOES HEREBY self, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to

ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist

in the preparation of any other patent property relating to the Application and the Invention or

any improvements made thereto, sign/execute all lawful papers, provide all requested

documents, execute and make all rightful oaths and/or declarations in connection with the

Page 3 of 11

U.S. Patent Appln. No. 16/682,994

representatives, administrators, and assigns.

Attorney Docket No. 101058.000987

Filing Date November 13, 2019

Client Docket No. P67816-US01

Title of Invention: Smart Color-Based Background Replacement

Inventors: Kevin M. Ni, Jackson Gardner, Charles Bradford, Sean Stanek, Ross Alan Cameron Gardner, Tyler McDowall, Phillip Carter, Furgan Rydhan, Florian Patrick Nierhaus and Sang Jin

<u>Lee</u>

Application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal

Page 4 of 11

0.5. Patent Appin. No. <u>16/682,994</u>	Attorney Docket No. 101058.000987
Filing Date November 13, 2019	Client Docket No. <u>P67816-US01</u>
Title of Invention: <u>Smart Color-Based Ba</u>	ckground Replacement
	, Charles Bradford, Sean Stanek, Ross Alan Cameron Furgan Rydhan, Florian Patrick Nierhaus and Sang Jin
DECLARATION	
As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
\square the attached application; or	
☑ United States Patent Applicati	on number <u>16/682,994</u> filed on <u>November 13, 2019</u> or
☐ PCT International Application	number filed on
The above-identified application was ma	de or authorized to be made by me.
I believe that I am the original inventor o application.	r an original joint inventor of a claimed Invention in the
I have reviewed and understand the cont	ents of the above-identified application, and
acknowledge the duty to disclose to the	JS Patent & Trademark Office all information known to
me to be material to the patentability as	defined in 37 CFR 1.56.
I hereby acknowledge that any willful fals	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
DocuSigned by: /Kevin M. Ni/8E58F6E24DAA4DF	
Kevin M. Ni	
March 26, 2021	
Date	

U.S. Patent Appln. No. <u>16/682,994</u>	Attorney Docket No. <u>101058.000987</u>
Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Bac	kground Replacement
	Charles Bradford, Sean Stanek, Ross Alan Cameron urgan Rydhan, Florian Patrick Nierhaus and Sang Jin
<u>DECLARATION</u>	
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The above-identified application was made	le or authorized to be made by me.
I believe that I am the original inventor or	an original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the cont	ents of the above-identified application, and
acknowledge the duty to disclose to the U	S Patent & Trademark Office all information known to
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I hereby acknowledge that any willful fals	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
/DocuSigned by:	
Jackson Gardner/	
Jackson Gardner	
March 28, 2021	
Date	

U.S. Patent Appln. No. <u>16/682,994</u>	Attorney Docket No. <u>101058.000987</u>
Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Back	ground Replacement
	Charles Bradford, Sean Stanek, Ross Alan Cameron Irqan Rydhan, Florian Patrick Nierhaus and Sang Jin
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I believe that I am the original inventor or application.	an original joint inventor of a claimed Invention in the
acknowledge the duty to disclose to the U	nts of the above-identified application, and S Patent & Trademark Office all information known to
me to be material to the patentability as o	efined in 37 CFR 1.56.
I hereby acknowledge that any willful false under 18 USC 1001 by fine or imprisonme	e statement made in this declaration is punishable nt of not more than five (5) years, or both.
Docusigned by: / Charles Bradford Charles Bradford	
March 26, 2021	
Date	

Page 7 of 11

U.S. Patent Appln. No. <u>16/682,994</u>	Attorney Docket No. <u>101058.000987</u>
Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Background	Replacement
Inventors: <u>Kevin M. Ni, Jackson Gardner, Charles Gardner, Tyler McDowall, Phillip Carter, Furgan Ry Lee</u>	
DECLARATION	
As a below named inventor, I hereby declare that:	
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me to be material to the patentability as defined i	n 37 CFR 1.56.
I hereby acknowledge that any willful false statem under 18 USC 1001 by fine or imprisonment of no	·
DocuSigned by:	
/Sean Stanck/ B0F480BD29404AE	
Sean Stanek	
March 26, 2021	
Date	

U.S. Patent Appln. No. <u>16/682,994</u>	Attorney Docket No. <u>101058.000987</u>
Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Background Replace	<u>ment</u>
Inventors: <u>Kevin M. Ni, Jackson Gardner, Charles Bradford</u> <u>Gardner, Tyler McDowall, Phillip Carter, Furqan Rydhan, Fl</u> <u>Lee</u>	
DECLARATION	
As a below named inventor, I hereby declare that:	
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oxtimes United States Patent Application number <u>16/68</u>	<u>32,994</u> filed on <u>November 13, 2019</u> ; or
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/Koss Man Cameron Gardner/ Ross Alan Cameron Gardner	
March 26, 2021	
Date	

U.S. Patent Appln. No. <u>16/682,994</u>	Attorney Docket No. <u>101058.000987</u>
Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Background F	Replacement
Inventors: <u>Kevin M. Ni, Jackson Gardner, Charles B</u> <u>Gardner, Tyler McDowall, Phillip Carter, Furgan Ryd</u> <u>Lee</u>	
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I hereby acknowledge that any willful false stateme	nt made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both.
Tyler McDowall Tyler McDowall	
March 29, 2021	
Date	

Page 10 of 11

U.S. Patent Appln. No. <u>16/682,994</u>	Attorney Docket No. <u>101058.000987</u>
Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Bac	kground Replacement
	Charles Bradford, Sean Stanek, Ross Alan Cameron urqan Rydhan, Florian Patrick Nierhaus and Sang Jin
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	nt of not more than five (5) years, or both.
DocuSigned by:	
/Plullip Larter/	
Phillip Carter	
March 29, 2021	
Date	

U.S. Patent Appln. No. <u>16/682,994</u>

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. <u>101058.000987</u>

Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Backgroun	d Replacement
Inventors: <u>Kevin M. Ni, Jackson Gardner, Charle Gardner, Tyler McDowall, Phillip Carter, Furqan FLee</u>	
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Furqan Rydhan	
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Filing Date November 13, 2019	Client Docket No. P67816-US01
Title of Invention: Smart Color-Based Background Replacer	ment_
Inventors: <u>Kevin M. Ni, Jackson Gardner, Charles Bradford</u> <u>Gardner, Tyler McDowall, Phillip Carter, Furqan Rydhan, Flo</u> <u>Lee</u>	
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/Florian Patrick Merliaus/	
Florian Patrick Nierhaus	
March 26, 2021	
Date	

PATENT

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U.S. Patent Appln. No. <u>16/682,994</u>	Attorney Docket No. <u>101058.00098</u> /
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Date	

Page 14 of 11

4851-8936-4653.1 RECORDED: 06/14/2021