504886717 04/26/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
CHRISTOPHER JAMES TEGETHOFF	03/27/2018		
ABHIJIT POL	03/27/2018		

RECEIVING PARTY DATA

Name:	ROKU, INC.
Street Address:	170 KNOWLES DRIVE
City:	LOS GATOS
State/Country:	CALIFORNIA
Postal Code:	95032

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15940386		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3634.1050001
NAME OF SUBMITTER:	MICHAEL Q. LEE
SIGNATURE:	/Michael Q. Lee#35239/
DATE SIGNED:	04/26/2018

Total Attachments: 4

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PATENT 504886717

REEL: 045642 FRAME: 0524

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Christopher James Tegethoff and Abhijit Pol, hereby sell and assign to Roku, Inc., a corporation formed under the laws of Delaware, whose mailing address is 170 Knowles Drive, Los Gatos, California 95032 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a)	in	the	invention(s)	known	as	AUT	OMATICAI	LLY	AND
PRO	GRA	MMA	TICALLY	GENE	ERAT	ING	CROWI	OSOU	RCED
TRA	JLE	RS for	which applicati	ion(s) for	patent	in the	United State	s of A	merica
has a	filin	g date	or a 371(c) date	of		(al	so known as	United	States
Appl	icatio	n No.), in any	and al	l applic	cations thereo	n, in a	ny and
all L	etters	Patent	(s) therefor, and						

- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the undersigned inventors had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

PATENT REEL: 045642 FRAME: 0525 The undersigned inventors agree to execute all papers necessary in connection with any judicial or administrative proceeding, including but not limited to an interference, derivation, post-grant proceeding, or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof or Letters Patent(s) therefor and to cooperate with the Assignee in every way possible in obtaining evidence and assisting with such judicial or administrative proceeding.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with CUSTOMER NUMBER 26111 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with CUSTOMER NUMBER 26111 are the legal representatives of, and attorneys for, the assignee, and are <u>NOT</u> the legal representatives of, and attorneys for, the inventors.

IN WITNESS WHEREOF,	executed by the undersigned inventors on the date opposite
hîs/her name.	
Date: 3/27/2018	Signature of Inventor: Why had
* *	Christopher themes Tegethoff
Date:	Signature of Inventor:
	Abhijit Pol

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Christopher James Tegethoff and Abhijit Pol, hereby sell and assign to Roku, Inc., a corporation formed under the laws of Delaware, whose mailing address is 170 Knowles Drive, Los Gatos, California 95032 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known AUTOMATICALLY AND as **PROGRAMMATICALLY GENERATING** CROWDSOURCED TRAILERS for which application(s) for patent in the United States of America has a filing date or a 371(c) date of (also known as United States Application No.), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the undersigned inventors had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

PATENT REEL: 045642 FRAME: 0527 The undersigned inventors agree to execute all papers necessary in connection with any judicial or administrative proceeding, including but not limited to an interference, derivation, post-grant proceeding, or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof or Letters Patent(s) therefor and to cooperate with the Assignee in every way possible in obtaining evidence and assisting with such judicial or administrative proceeding.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with CUSTOMER NUMBER 26111 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 26111** are the legal representatives of, and attorneys for, the assignee, and are <u>NOT</u> the legal representatives of, and attorneys for, the inventors.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date:		Signature of Inventor:	
			Christopher James Tegethoff
Date:	03/27/2018	Signature of Inventor:	Allite
·			Abhijit Pol

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