PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7057515

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES GREEN	03/26/2018
ILYA ASNIS	06/18/2018
GREGORY MACK GARNER	03/26/2018
TITO THOMAS	09/17/2020
ANTHONY JOHN WOOD	06/19/2018

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:	17536865

CORRESPONDENCE DATA

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Correspondent Name: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

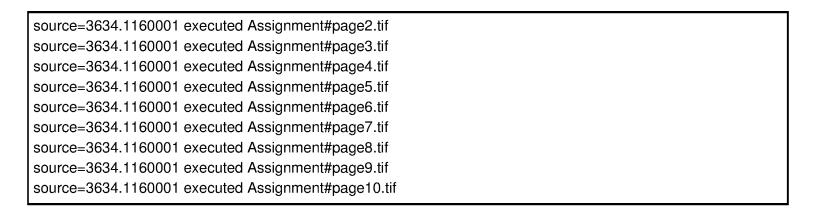
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ATTORNEY DOCKET NUMBER:	3634.1160001
NAME OF SUBMITTER:	HARISH RUCHANDANI
SIGNATURE:	/Harish Ruchandani, Reg. No. 58,770/
DATE SIGNED:	12/06/2021

Total Attachments: 10

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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: **James Green, Ilya Asnis, Gregory Mack Garner, Tito Thomas and Anthony John Wood**, 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 **CUSTOMIZING A GUI BASED ON USER BIOMETRICS** 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.

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.

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite

his/her name.		
Date: Mar. 26, 2018	Signature of Inventor:	Timin Manag
		James Green /
Date:	Signature of Inventor:	\$
_		Ilya Asnis
Date:	Signature of Inventor: _	
	-	Gregory Mack Garner
Date:	Signature of Inventor: _	
		Tito Thomas
Date:	Signature of Inventor:	
	_	Anthony John Wood

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- (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;

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

Date:	Signature of Inventor:	
		James Green
Date: 6/18/2018	Signature of Inventor:	/lya Asnis
		Ilya Asnis
Date:	Signature of Inventor:	
	-	Gregory Mack Garner
Date:	Signature of Inventor:	
		Tito Thomas
Date:	Signature of Inventor:	
	_ :	Anthony John Wood

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BIOMETRICS for which application(s) for patent	in	the 1	Unite	d States	of
America has a filing date or a 371(c) date of			(also	o knowr	1 as
United States Application No, in	any	and	all	applicati	ions
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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date	Signature of Inventor.		
		James Green	••••••
Date	Signature of Inventor;		
Date 2011-03-26	Signature of Inventor:	11 ya Asnis <u>22 224 y</u> 1194	<u>Harang</u>
Date:	Signature of Inventor:	Gregory Mačk Garner	
Date	Signature of Inventor: _	Tito Thomas Anthony John Wand	***********

Page 2 of 2

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Date:	Signature of Inventor:	
	-	James Green
Date:	Signature of Inventor:	
	_	Ilya Asnis
Date:	Signature of Inventor:	
Date: 09/17/2020		Gregory Mack Garner
Date: 09/17/2020	Signature of Inventor: _	Tho Thomas
Date:	Signature of Inventor:	
		Anthony John Wood

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Date:	Signature of Inventor:	Gregory Mack Garner
		Gregory Mack Garner
Date:	Signature of Inventor:	
		Tito Thomas
Date: 6/11/18	Signature of Inventor:	A. L. A. Marian
		Anthony John Wood

Page 2 of 2