507237727 04/18/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK EVAN CERNY	02/04/2020
SIMON WHITTAKER	02/25/2022
AKIYUKI HATAKEYAMA	02/03/2020
JEFFREY LITZ	02/04/2020
VARUN BHADAURIA	02/05/2020

RECEIVING PARTY DATA

Name:	SONY INTERACTIVE ENTERTAINMENT LLC
Street Address:	2207 BRIDGEPOINTE PARKWAY
City:	SAN MATEO
State/Country:	CALIFORNIA
Postal Code:	94404

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17722908

CORRESPONDENCE DATA

Fax Number: (510)668-0239

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.

Phone: 510-668-0965
Email: josh@jdipatent.com
Correspondent Name: JOSHUA D. ISENBERG
Address Line 1: 809 CORPORATE WAY

Address Line 4: FREMONT, CALIFORNIA 94539

ATTORNEY DOCKET NUMBER:	SCEA19025US01
NAME OF SUBMITTER:	JOSHUA D. ISENBERG
SIGNATURE:	/Joshua D. Isenberg, Reg. No. 41088/
DATE SIGNED:	04/18/2022

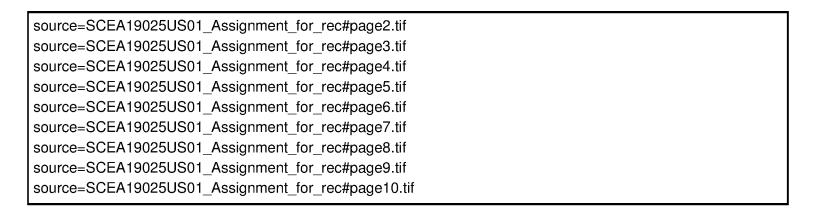
Total Attachments: 10

source=SCEA19025US01_Assignment_for_rec#page1.tif

PATENT REEL: 059626 FRAME: 0082

EPAS ID: PAT7284646

507237727



ASSIGNMENT

THIS ASSIGNMENT, by MARK EVAN CERNY, residing at BURBANK, CALIFORNIA, SIMON WHITTAKER, residing at SAN FRANCISCO, CALIFORNIA, AKIYUKI HATAKEYAMA, residing at TOKYO, JAPAN, JEFFREY LITZ, residing at SAN MATEO, CALIFORNIA, and VARUN BHADAURIA, residing at UNION CITY, CALIFORNIA (hereinafter referred to as the Assignors) witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in:

"A DDI TO A TIONI DA TOUTINO HOINO WADIADI E CIZED HNITO"

"APPLICATION F	AICHING	USING VARIABLE-SIZED UNIT	.5
hereby authorizes and requests attorney, Josh parentheses (U.S. Patent Application No.	ua D. Isenberg, o 17/722, 908	iled <u>July 30, 2019</u> and in the following Appli of 809 Corporate Way, Fremont, California, to , filed <u>April 18, 2022</u> International liting date and application number of said appl	insert here in Patent Application No.
known.			
WHEREAS,	Sony Interactiv	re Entertainment LLC	
offices at 2207 Bridgepointe Parkway, Sainterest in and to said inventions and said	an Mateo, Cali application for	orporate powers under the laws of CALIFO fornia, USA, is desirous of obtaining the external Patent, and in and to any Letters Patent all improvements which are disclosed in	ntire right, title and tent, United States or
NOW, THEREFORE, for good and valuab	le consideration	n, the receipt of which is hereby acknowled	ged:
entire right, title and interest in, to and under s granted for said inventions in the United States of said application; any reissue or extension of of Industrial Property; said right, title and inter	aid inventions; sa of America and said Letters Pate est to be held and inted, as fully and	and do hereby sell, assign, transfer and set over a sid application for Letters Patent; any Letters Patent any foreign country; any division, continuation, ant; and all rights under the International Converd enjoyed by said Assignee for its own use and the entirely as the same would have been held and	tent which may be or continuation-in-part ation for the Protection behoove to the full end
	t, title and intere	esent that, at the time of execution and delivery of st in and to said inventions and said application understanding in conflict herewith.	
extent said right, title and interest herein converted Assignors in lending such assistance and cooper papers (prepared at the expense of Assignee) winterest herein conveyed, (b) prompt execution expense of Assignee) which are deemed necess country said application, any application which application for any Letters Patent granted on sa Patent granted thereon; and (c) prompt assistant	eyed, provided, he ration be paid by thich are deemed of all petitions, cary or desirable last is a division, could application, or ce and cooperation	rate with said Assignee, whereby said Assignee owever, that the entire expense which may be in Assignee. Such cooperation shall include: (a) processary or desirable by Assignee to perfect so paths, specifications, declarations and other paper by Assignee for filing or prosecuting in the Unitatinuation, or continuation-in-part of said application of any interference proceeding involving said on in the prosecution of all legal proceedings impositions, cancellation proceedings, priority con	curred by said prompt execution of all aid right, title and ers (prepared at the ed States or any foreign ation, any reissue application or Letters volving said inventions,
		inure to the benefit of said Assignee, its succes gnor, his heirs, legal representatives and assigns	
5. Said Assignors hereby request the Director of United States to said Assignee as the assignee		es Patent and Trademark Office to issue said Les.	tters Patent of the
IN WITNESS WHEREOF said Assig	nors have exec	uted and delivered this instrument on the da	ate noted below.
/Mark Evan Cerny/	2/4/2020		
MARK EVAN CERNY	Date	SIMON WHITTAKER	Date
AKIYUKI HATAKEYAMA	Date	JEFFREY LITZ	Date

VARUN BHADAURIA

Date

ASSIGNMENT

THIS ASSIGNMENT, by MARK EVAN CERNY, residing at BURBANK, CALIFORNIA, SIMON WHITTAKER, residing at SAN FRANCISCO, CALIFORNIA, AKIYUKI HATAKEYAMA, residing at TOKYO, JAPAN, JEFFREY LITZ, residing at SAN MATEO, CALIFORNIA, and VARUN BHADAURIA, residing at UNION CITY, CALIFORNIA (hereinafter referred to as the Assignors) witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in:

"APPLICATIO	N PATCHIN	NG USING VARIABLE-SIZED	UNITS"
hereby authorizes and requests attorney, parentheses (U.S. Patent Application No, filed	Joshua D. Isenbe D. 17/722, 9	40 filed July 30, 2019 and in the following, of 809 Corporate Way, Fremont, Califo 08 , filed April 18, 2022 Internate filing date and application number of sa	ornia, to insert here in ational Patent Application No.
known.			
WHEREAS,	Cour Intou	ativa Entantainment II C	
	·	ctive Entertainment LLC	AN TERMINATE OF THE STATE OF
offices at 2207 Bridgepointe Parkwa interest in and to said inventions and	y, San Mateo, said application	g corporate powers under the laws of C. California, USA, is desirous of obtainin for Letters Patent, and in and to any Lety and all improvements which are disclared	ig the entire right, title and tters Patent, United States or
NOW, THEREFORE, for good and va	aluable considera	ation, the receipt of which is hereby ack	nowledged:
entire right, title and interest in, to and ungranted for said inventions in the United sof said application; any reissue or extension of Industrial Property; said right, title and	der said invention States of America on of said Letters interest to be held be granted, as fully	rer, and do hereby sell, assign, transfer and says; said application for Letters Patent; any Loand any foreign country; any division, conting Patent; and all rights under the International d and enjoyed by said Assignee for its own up and entirely as the same would have been by	etters Patent which may be nuation, or continuation-in-part I Convention for the Protection use and behoove to the full end
	e right, title and ir	represent that, at the time of execution and daterest in and to said inventions and said appet or understanding in conflict herewith.	
extent said right, title and interest herein. Assignors in lending such assistance and opapers (prepared at the expense of Assign interest herein conveyed, (b) prompt exec expense of Assignee) which are deemed a country said application, any application vapplication for any Letters Patent granted Patent granted thereon; and (c) prompt assignees are considered.	conveyed, provide cooperation be pai ee) which are dee ution of all petitio ecessary or desira which is a division on said applicatio sistance and cooper	opperate with said Assignee, whereby said A d, however, that the entire expense which m d by Assignee. Such cooperation shall included necessary or desirable by Assignee to p ns, oaths, specifications, declarations and ot ble by Assignee for filing or prosecuting in the continuation, or continuation-in-part of sain, or for any interference proceeding involving the prosecution in the prosecution of all legal proceed goppositions, cancellation proceedings, price	nay be incurred by said ide: (a) prompt execution of all perfect said right, title and ther papers (prepared at the the United States or any foreign d application, any reissue ing said application or Letters dings involving said inventions,
		shall inure to the benefit of said Assignee, it Assignor, his heirs, legal representatives and	
5. Said Assignors hereby request the Dire United States to said Assignee as the assignee		States Patent and Trademark Office to issuetions.	e said Letters Patent of the
IN WITNESS WHEREOF said A	Assignors have e	executed and delivered this instrument o	n the date noted below.
		/Simon Whittaker/	2/25/2022
MARK EVAN CERNY	Date	SIMON WHITTAKER	Date
AKIYUKI HATAKEYAMA	Date	JEFFREY LITZ	Date

VARUN BHADAURIA

Date

ASSIGNMENT

THIS ASSIGNMENT, by MARK EVAN CERNY, residing at BURBANK, CALIFORNIA, SIMON WHITTAKER, residing at SAN FRANCISCO, CALIFORNIA, AKIYUKI HATAKEYAMA, residing at TOKYO, JAPAN, JEFFREY LITZ, residing at SAN MATEO, CALIFORNIA, and VARUN BHADAURIA, residing at UNION CITY, CALIFORNIA (hereinafter referred to as the Assignors) witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in:

"APPLICATION PATCHING USING VARIABLE-SIZED UNITS"

AKIYUKI HATAKEYAMA	Date	JEFFREY LITZ	Date
/Akiyuki Hatakeyama/	2/3/2020	0	
MARK EVAN CERNY	Date	SIMON WHITTAKER	Date
IN WITNESS WHEREOF said Assign	nors have exec	uted and delivered this instrument on the da	te noted below.
United States to said Assignee as the assignee o	f said inventions		
other legal representatives, and shall be binding	upon said Assis	gnor, his heirs, legal representatives and assigns.	-
4. The terms, covenants and conditions of this A		inure to the benefit of said Assignee, its success	
extent said right, title and interest herein convey Assignors in lending such assistance and cooper papers (prepared at the expense of Assignee) whi interest herein conveyed, (b) prompt execution of expense of Assignee) which are deemed necessal country said application, any application which is application for any Letters Patent granted on sail Patent granted thereon; and (c) prompt assistance	yed, provided, he ation be paid by nich are deemed of all petitions, carry or desirable la is a division, coud d application, or the and cooperation	erate with said Assignee, whereby said Assignee owever, that the entire expense which may be income a Assignee. Such cooperation shall include: (a) per necessary or desirable by Assignee to perfect sational states and other paper by Assignee for filing or prosecuting in the Unite Intimuation, or continuation-in-part of said applicate for any interference proceeding involving said a son in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the prosecution of all legal proceedings involving saids and in the proceedings involving saids and in the proceedings in the proceeding in the proceedings in the proceedings in the proceeding in the	curred by said rompt execution of all id right, title and rs (prepared at the ed States or any foreign ation, any reissue application or Letters olving said inventions,
	, title and intere	esent that, at the time of execution and delivery of est in and to said inventions and said application understanding in conflict herewith.	
entire right, title and interest in, to and under sa granted for said inventions in the United States of said application; any reissue or extension of s of Industrial Property; said right, title and intere	id inventions; sa of America and aid Letters Pate st to be held and ted, as fully and	and do hereby sell, assign, transfer and set over used application for Letters Patent; any Letters Patent any foreign country; any division, continuation, out; and all rights under the International Convent denjoyed by said Assignee for its own use and be dentirely as the same would have been held and	tent which may be or continuation-in-part tion for the Protection ehoove to the full end
NOW, THEREFORE, for good and valuable	e consideration	n, the receipt of which is hereby acknowledg	ged:
offices at 2207 Bridgepointe Parkway, Sa interest in and to said inventions and said a	n Mateo, Cali pplication for	orporate powers under the laws of CALIFO ifornia, USA, is desirous of obtaining the end Letters Patent, and in and to any Letters Patent all improvements which are disclosed in	ent, United States or
	ony Interactiv	e Entertainment LLC	
WHEREAS,			
known.		and approximation number of said approximation	oution(s) when
hereby authorizes and requests attorney, Joshu parentheses (U.S. Patent Application No.	a D. Isenberg, o 17/722, 908	of 809 Corporate Way, Fremont, California, to, filed _April 18, 2022 International P Iling date and application number of said appli	insert here in attent Application No.
		iled July 30, 2019 and in the following Applic	

VARUN BHADAURIA

Date

ASSIGNMENT

THIS ASSIGNMENT, by MARK EVAN CERNY, residing at BURBANK, CALIFORNIA, SIMON WHITTAKER, residing at SAN FRANCISCO, CALIFORNIA, AKIYUKI HATAKEYAMA, residing at TOKYO, JAPAN, JEFFREY LITZ, residing at SAN MATEO, CALIFORNIA, and VARUN BHADAURIA, residing at UNION CITY, CALIFORNIA (hereinafter referred to as the Assignors) witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in:

"APPLICATION P	ATCHIN	G USING VARIABLE-SIZED U)NITS"
which are described in U.S. Patent Application hereby authorizes and requests attorney, Joshu parentheses (U.S. Patent Application No, filed	a D. Isenber 17/722, 90	g, of 809 Corporate Way, Fremont, Californ	nia, to insert here in onal Patent Application No.
known.		C II.	
WHEREAS, S	ony Interac	tive Entertainment LLC	
(hereinafter referred to as the Assignee), a offices at 2207 Bridgepointe Parkway, Sa interest in and to said inventions and said a foreign, to be obtained therefor and thereon Letters Patent	n Mateo, Copplication f	alifornia, USA, is desirous of obtaining or Letters Patent, and in and to any Lette	the entire right, title and ers Patent, United States or
NOW, THEREFORE, for good and valuable	e considerat	tion, the receipt of which is hereby ackno	wledged:
1. The Assignors have sold, assigned, transferre entire right, title and interest in, to and under sa granted for said inventions in the United States of said application; any reissue or extension of so of Industrial Property; said right, title and intere of the term for which Letters Patent may be grant Assignor, had this sale and assignment not been	id inventions of America a aid Letters P est to be held ited, as fully	s; said application for Letters Patent; any Lett nd any foreign country; any division, continua atent; and all rights under the International C and enjoyed by said Assignee for its own use	ers Patent which may be ation, or continuation-in-part convention for the Protection and behoove to the full end
2. Said Assignors hereby jointly and severally w Assignor is the lawful owners of the entire right that the same have not entered into any assignm	, title and int	erest in and to said inventions and said appli-	
3. Said Assignors hereby covenant and agree to extent said right, title and interest herein convert Assignors in lending such assistance and cooper papers (prepared at the expense of Assignee) which are therein conveyed, (b) prompt execution expense of Assignee) which are deemed necessary country said application, any application which application for any Letters Patent granted on said Patent granted thereon; and (c) prompt assistance said application, or Letters Patent granted thereoproceedings and court actions.	yed, provided ation be paid ation be paid nich are deen of all petition ary or desirabis a division, d application and cooper	I, however, that the entire expense which may by Assignee. Such cooperation shall include ned necessary or desirable by Assignee to per s, oaths, specifications, declarations and othe ble by Assignee for filing or prosecuting in the continuation, or continuation-in-part of said s, or for any interference proceeding involving ration in the prosecution of all legal proceedir	be incurred by said e: (a) prompt execution of all fect said right, title and repapers (prepared at the e United States or any foreign application, any reissue a said application or Letters ags involving said inventions,
4. The terms, covenants and conditions of this A other legal representatives, and shall be binding			
5. Said Assignors hereby request the Director of United States to said Assignee as the assignee of			aid Letters Patent of the
IN WITNESS WHEREOF said Assign	ors have ex	secuted and delivered this instrument on	the date noted below.
MARK EVAN CERNY	Date	SIMON WHITTAKER	Date
		/Jeffrey Allan Litz/	2/4/2020
AKIYUKI HATAKEYAMA	Date	JEFFREY LITZ	Date

VARUN BHADAURIA

Date

ASSIGNMENT

THIS ASSIGNMENT, by MARK EVAN CERNY, residing at BURBANK, CALIFORNIA, SIMON WHITTAKER, residing at SAN FRANCISCO, CALIFORNIA, AKIYUKI HATAKEYAMA, residing at TOKYO, JAPAN, JEFFREY LITZ, residing at SAN MATEO, CALIFORNIA, and VARUN BHADAURIA, residing at UNION CITY, CALIFORNIA (hereinafter referred to as the Assignors) witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in:

"APPLICATION PATCHING USING VARIABLE-SIZED UNITS"

AKIYUKI HATAKEYAMA	Date	JEFFREY LITZ	Date
MARK EVAN CERNY	Date	SIMON WHITTAKER	Date
IN WITNESS WHEREOF said Assis	gnors have exec	cuted and delivered this instrument on the da	ate noted below.
United States to said Assignee as the assignee	of said invention		
other legal representatives, and shall be binding	ig upon said Assi	I inure to the benefit of said Assignee, its succession, his heirs, legal representatives and assigns	•
that the same have not entered into any assignments and Assignors hereby covenant and agree to extent said right, title and interest herein conversation in lending such assistance and cooper papers (prepared at the expense of Assignee) winterest herein conveyed, (b) prompt execution expense of Assignee) which are deemed necess country said application, any application which application for any Letters Patent granted on selection and the proceedings and court actions.	ment, contract or o assist and coopeyed, provided, heration be paid by which are deemed of all petitions, of sary or desirable is a division, conid application, once and cooperatie eon, including op	erate with said Assignee, whereby said Assignee lowever, that the entire expense which may be in y Assignee. Such cooperation shall include: (a) planecessary or desirable by Assignee to perfect sa oaths, specifications, declarations and other paper by Assignee for filing or prosecuting in the Unite ontinuation, or continuation-in-part of said application in the prosecution of all legal proceedings involving said in in the prosecution of all legal proceedings involvings, cancellation proceedings, priority continuations, cancellation proceedings, priority continuations, cancellation proceedings, priority continuations, cancellation proceedings.	may enjoy to the fullest curred by said prompt execution of all aid right, title and ers (prepared at the ed States or any foreign ation, any reissue application or Letters volving said inventions, tests, public use
entire right, title and interest in, to and under signated for said inventions in the United States of said application; any reissue or extension of of Industrial Property; said right, title and interest of the term for which Letters Patent may be graded Assignor, had this sale and assignment not bee. 2. Said Assignors hereby jointly and severally	said inventions; s s of America and said Letters Pate rest to be held an anted, as fully an en made. warrant and repr	and do hereby sell, assign, transfer and set over traid application for Letters Patent; any Letters Patent any foreign country; any division, continuation, ent; and all rights under the International Convent denjoyed by said Assignee for its own use and be dentirely as the same would have been held and essent that, at the time of execution and delivery of the same would have been held and the same would have be	tent which may be or continuation-in-part tion for the Protection ehoove to the full end enjoyed by said
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	Sony Interactiv	ve Entertainment LLC	
WHEREAS,			
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	ZXI CIII (G	COING VARIABLE-SIZED CITI	

2/5/2020

/Varun Bhadauria/

VARUN BHADAURIA

RECORDED: 04/18/2022

Date