506375981 11/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6422737

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MUKUL AGARWAL	11/18/2020
JONATHAN BERNADEL-HUEY	11/20/2020
KEVIN MAY	11/19/2020
XING ZHANG	11/17/2020
KARL HILLESLAND	11/25/2020
JACK MOUSSEAU	11/17/2020
SIMON FOX	11/19/2020

RECEIVING PARTY DATA

Name:	A9.COM, INC.
Street Address:	130 LYTTON AVENUE
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94301-1044

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17106669

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	AMZN/0144US (114932)
NAME OF SUBMITTER:	JENNIFER CHAVIS
SIGNATURE:	/Jennifer Chavis/

PATENT 506375981 REEL: 054490 FRAME: 0462

DATE SIGNED:	11/30/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
otal Attachments: 11		
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PATENT REEL: 054490 FRAME: 0463

U.S. Patent Appln. No	Attorney Docket No. <u>AMZN/0144US (114932)</u>
Filing Date	Client Docket No. <u>P71564-US01</u>
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Mukul Agarwal	
130 Lytton Avenue	
Palo Alto, CA 94301-1044	
Jonathan Bernadel-Huey	
130 Lytton Avenue	
Palo Alto, CA 94301-1044	
Kevin May	
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Xing Zhang	
130 Lytton Avenue	
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Karl Hillesland	
130 Lytton Avenue	
Palo Alto, CA 94301-1044	
Jack Mousseau	
130 Lytton Avenue	
Palo Alto, CA 94301-1044	
Simon Fox	
130 Lytton Avenue	
Palo Alto, CA 94301-1044	
Assignee:	
A9.com, Inc.	

130 Lytton Avenue Palo Alto, CA 94301-1044

U.S. Patent Appln. No. _____

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. AMZN/0144US (114932)

Filing Date	Client Docket No. P71564-US01
Title of Invention: PLACING AND MANIPULATING M USING MOBILE AUGMENTED REALITY	ULTIPLE THREE-DIMENSIONAL (3D) MODELS
Inventors: Mukul Agarwal, Jonathan Bernadel-Hue Mousseau, Simon Fox	y, Kevin May, Xing Zhang, Karl Hillesland, Jack
AGREEMENT	
WHEREAS, ASSIGNOR(S) (listed above) are	inventor(s) of an invention entitled
"PLACING AND MANIPULATING MULTIPLE THREE	-DIMENSIONAL (3D) MODELS USING MOBILE
AUGMENTED REALITY" (Invention) for which a r	non-provisional application for United States
Letters Patent (Application):	
was filed on and accorded	d U.S. Application No; or
will be filed concurrently with the sub-	mission of this executed PATENT ASSIGNMENT
for recordation.	
ASSIGNOR(S) hereby authorizes and requests A	ASSIGNEE'S legal representatives, of
Patterson & Sheridan LLP, associated with Custon	ner No. <u>124749</u> , to insert in the header above
and here in parentheses (U.S. Patent Applicati	on No, filed) this
application's U.S. application number and filing da	te, when known.
WHEREAS, ASSIGNEE, a corporation of the	State of Delaware, is desirous of acquiring the
entire right, title and interest in and to the Invention	on and in and to any letters patent that may be
granted therefor in the United States and in any ar	nd all foreign countries.
NOW, THEREFORE, in exchange for good a	nd 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 an	d interest in and to said Invention and any
improvements thereto, said Application and any a	nd all letters patent which may be granted for
said Invention in the United States of America an	d its territorial possessions and in any and all

Page 2 of 11

Attorney Docket No. AMZN/0144US (114932)

Filing Date _____ Client Docket No. <u>P71564-US01</u>

Title of Invention: PLACING AND MANIPULATING MULTIPLE THREE-DIMENSIONAL (3D) MODELS

USING MOBILE AUGMENTED REALITY

U.S. Patent Appln. No. _____

Inventors: Mukul Agarwal, Jonathan Bernadel-Huey, Kevin May, Xing Zhang, Karl Hillesland, Jack

Mousseau, Simon Fox

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 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 sell, 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.

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PATENT REEL: 054490 FRAME: 0466

J.S. Patent Appln. No	Attorney Docket No. <u>AMZN/0144US (114932)</u>
iling Date	Client Docket No. <u>P71564-US01</u>

Title of Invention: PLACING AND MANIPULATING MULTIPLE THREE-DIMENSIONAL (3D) MODELS USING MOBILE AUGMENTED REALITY

Inventors: Mukul Agarwal, Jonathan Bernadel-Huey, Kevin May, Xing Zhang, Karl Hillesland, Jack Mousseau, Simon Fox

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 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 representatives, administrators, and assigns.

Page 4 of 11

U.S. Patent Appln. No	Attorr	iey Docket No. <u>AMZN/(</u>	<u>)144US (114932)</u>
Filing Date		Client Docket N	No. <u>P71564-US01</u>
Title of Invention: PLACING AND MANIPULA USING MOBILE AUGMENTED REALITY	TING MULTIPL	E THREE-DIMENSIONAL	(3D) MODELS
Inventors: Mukul Agarwal, Jonathan Bernac Mousseau, Simon Fox	del-Huey, Kevii	n May, Xing Zhang, Kar	Hillesland, Jack
<u>DECLARATION</u> As a below named inventor, I hereby declar	e that:		
This declaration is directed to:			
igstyle igytyle igstyle igytyle			
United States Patent Application	n number	filed on	; or
PCT International Application nu	umber	filed on	·············
The above-identified application was made	or authorized	to be made by me.	
I believe that I am the original inventor or a	n original join	t inventor of a claimed	Invention in the
application.			
I have reviewed and understand the conten	its of the abov	e-identified application	n, and
acknowledge the duty to disclose to the US			
me to be material to the patentability as de			
I hereby acknowledge that any willful false			
under 18 USC 1001 by fine or imprisonment	t of not more t	than five (5) years, or b	oth.
Docusigned by: /Mukul Igarwal/			
Mukul Agarwal			
November 18, 2020			
Date			

U.S. Patent Appln. No	Attorney Docket No. <u>AMZN/0144US (114932)</u>
Filing Date	Client Docket No. <u>P71564-US01</u>
Title of Invention: PLACING AND MANIPULATING MOBILE AUGMENTED REALITY	G MULTIPLE THREE-DIMENSIONAL (3D) MODELS
Inventors: Mukul Agarwal, Jonathan Bernadel- Mousseau, Simon Fox	Huey, Kevin May, Xing Zhang, Karl Hillesland, Jack
DECLARATION	
As a below named inventor, I hereby declare the	nat:
This declaration is directed to:	
the attached application; or	
United States Patent Application nu	umber; or
PCT International Application number	per filed on
The above-identified application was made or	authorized to be made by me.
I believe that I am the original inventor or an o application.	riginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	of the above-identified application, and
acknowledge the duty to disclose to the US Pat me to be material to the patentability as define	tent & Trademark Office all information known to ed in 37 CFR 1.56.
I hereby acknowledge that any willful false stat	ement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of	not more than five (5) years, or both.
Jonathan Bernadel-Huy/ Jonathan Bernadel-Huy/ Jonathan Bernadel-Huey	
Jonathan Bernadel-Huey	
November 20, 2020	
Date	

U.S. Patent Appln. No	Attorney Docket No. <u>AMZN/0144US (114932)</u>
Filing Date	Client Docket No. <u>P71564-US01</u>
Title of Invention: PLACING AND MANIPULATING USING MOBILE AUGMENTED REALITY	MULTIPLE THREE-DIMENSIONAL (3D) MODELS
Inventors: Mukul Agarwal, Jonathan Bernadel-H Mousseau, Simon Fox	luey, Kevin May, Xing Zhang, Karl Hillesland, Jack
DECLARATION	
As a below named inventor, I hereby declare the	at:
This declaration is directed to:	
igstyle the attached application; or	
United States Patent Application nu	mber; or
PCT International Application number	er filed on
The above-identified application was made or a	uthorized to be made by me.
I believe that I am the original inventor or an original inventor.	iginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	f the above-identified application, and
acknowledge the duty to disclose to the US Pater me to be material to the patentability as defined	ent & Trademark Office all information known to d in 37 CFR 1.56.
I hereby acknowledge that any willful false state under 18 USC 1001 by fine or imprisonment of r	·
	to those than tive (2) years, or both.
Docusigned by: / ELVIN May/	
Kevin May	
November 19, 2020	
Date	

U.S. Patent Appln. No.	Attorney Docket No. <u>AMZN/0144US (1149</u> :	(2)
Filing Date	Client Docket No. P71564-US	01
Title of Invention: PLACING AND MANIPULATINUSING MOBILE AUGMENTED REALITY	IG MULTIPLE THREE-DIMENSIONAL (3D) MODELS	
Inventors: Mukul Agarwal, Jonathan Bernadel- Mousseau, Simon Fox	-Huey, Kevin May, Xing Zhang, Karl Hillesland, Jac	ck
DECLARATION		
As a below named inventor, I hereby declare t	hat:	
This declaration is directed to:		
the attached application; or		
United States Patent Application n	umber filed on; or	
PCT International Application num	ber filed on	
The above-identified application was made or	authorized to be made by me.	
I believe that I am the original inventor or an o	original joint inventor of a claimed Invention in th	ie.
application.		
I have reviewed and understand the contents	of the above-identified application, and	
acknowledge the duty to disclose to the US Pa	itent & Trademark Office all information known t	0
me to be material to the patentability as defin	ed in 37 CFR 1.56.	
I hereby acknowledge that any willful false sta	tement made in this declaration is punishable	
under 18 USC 1001 by fine or imprisonment of	f not more than five (5) years, or both.	
Docusigned by: /Xing Huang/		
Xing Zhang		
November 17, 2020		
Date		

U.S. Patent Appln. No	Attorr	ney Docket No. <u>AMZN/C</u>) <u>144US (114932)</u>
Filing Date		Client Docket N	lo. <u>P71564-US01</u>
Title of Invention: PLACING AND MANIPULAT USING MOBILE AUGMENTED REALITY	ING MULTIPL	E THREE-DIMENSIONAL	(3D) MODELS
Inventors: Mukul Agarwal, Jonathan Bernad Mousseau, Simon Fox	el-Huey, Kevi	n May, Xing Zhang, Karl	Hillesland, Jack
DECLARATION			
As a below named inventor, I hereby declare	e that:		
This declaration is directed to:			
the attached application; or			
United States Patent Application	number	filed on	; or
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The above-identified application was made	or authorized	to be made by me.	
I believe that I am the original inventor or ar	n original join	t inventor of a claimed I	Invention in the
application.			
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acknowledge the duty to disclose to the US	Patent & Trac	demark Office all inform	ation known to
me to be material to the patentability as def	fined in 37 CF	R 1.56.	
I hereby acknowledge that any willful false s	tatement ma	de in this declaration is	punishable
under 18 USC 1001 by fine or imprisonment	of not more	than five (5) years, or bo	oth.
Docusigned by: /kzarl Hillusland/			
Karl Hillesland			
November 25, 2020			
Date			

U.S. Patent Appln. No	Attorney Docket No. <u>AMZN/0144US (114932)</u>
Filing Date	Client Docket No. <u>P71564-US01</u>
Title of Invention: PLACING AND MANIPULATINUSING MOBILE AUGMENTED REALITY	IG MULTIPLE THREE-DIMENSIONAL (3D) MODELS
Inventors: Mukul Agarwal, Jonathan Bernadel- Mousseau, Simon Fox	Huey, Kevin May, Xing Zhang, Karl Hillesland, Jack
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As a below named inventor, I hereby declare t	hat:
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United States Patent Application n	umber filed on; or
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The above-identified application was made or	authorized to be made by me.
I believe that I am the original inventor or an oapplication.	riginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents	of the above-identified application, and
acknowledge the duty to disclose to the US Pa me to be material to the patentability as defin	tent & Trademark Office all information known to ed in 37 CFR 1.56.
I hereby acknowledge that any willful false sta	tement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of	not more than five (5) years, or both.
Jack Mousseau Jack Mousseau Jack Mousseau	
November 17, 2020	
Date	

U.S. Patent Appln. No	Attorney Docket No. <u>AMZN/0144US (114932)</u>
Filing Date	Client Docket No. P71564-US01
Title of Invention: PLACING AND MANIPULATING USING MOBILE AUGMENTED REALITY	MULTIPLE THREE-DIMENSIONAL (3D) MODELS
Inventors: Mukul Agarwal, Jonathan Bernadel-H Mousseau, Simon Fox	uey, Kevin May, Xing Zhang, Karl Hillesland, Jack
DECLARATION	
As a below named inventor, I hereby declare that	et:
This declaration is directed to:	
the attached application; or	
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The above-identified application was made or au	uthorized to be made by me.
I believe that I am the original inventor or an original application.	ginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	the above-identified application, and
acknowledge the duty to disclose to the US Pate me to be material to the patentability as defined	
I hereby acknowledge that any willful false state	
under 18 USC 1001 by fine or imprisonment of n	ot more than five (5) years, or both.
Docusigned by: /Simon Fox/	
Simon Fox	
November 19, 2020	
Date	

Page 11 of 11

PATENT REEL: 054490 FRAME: 0474