503439643 08/17/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3486267

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASA JONAS IVRY BLOCK	07/23/2015
GEORGE MICHAEL BROWER	07/24/2015
RICHARD THE	07/23/2015
SUZANNE CHAMBERS	07/23/2015
IGOR CLARK	07/24/2015
GLENN COCHON	07/23/2015
ISAAC BLANKENSMITH	07/24/2015
PHILLIP STOCKTON	07/27/2015
KYLE PHILIPS	07/27/2015

RECEIVING PARTY DATA

Name:	GOOGLE INC.
Street Address:	1600 AMPHITHEATRE PARKWAY
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14811320	

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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: 703-205-8000

Email: mailroom@bskb.com, ssuh@bskb.com

Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: P.O. BOX 747

Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	6107-0640PUS1
NAME OF SUBMITTER:	SIMON SUH

PATENT 503439643 REEL: 036342 FRAME: 0047

SIGNATURE:	/simon suh/	
DATE SIGNED: 08/14/2015		
Total Attachments: 6		
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PATENT REEL: 036342 FRAME: 0048

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention	⇒ A SYSTEM FOR COMPOSITING EDUCATIONAL VIDEO WITH INTERACTIVE, DYNAMICALLY RENDERED VISUAL AIDS
	As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
	This declaration is directed to the application attached hereto.
Application not Attached	⇒ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln. No.	⇒ United States Application Number or PCT International Appln. No.
Enter Filing Date	⇒ 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 original joint inventor of a claimed invention in the application.
	I have reviewed and understand the contents of the above-identified application, including the claims.
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
	WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	⇒ WHEREAS, GOOGLE INC.
Insert Address of Assignee	⇒ of 1600 Amphitheatre Parkway, Mountain View, CA 94043, United States,
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	⇒ in any foreign countries.
**	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to

Page 1

terms for which the same may be granted.

any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

BSKB-DECASSIGN(09-12)

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

	LEGAL N	AME OF INVENTOR		
Inventor's Name	Inventor:	Asa Jonas Ivry BLOCK	Date: _	Jul 23, 2015
Inventor's Signature ⇒	Signature:			

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the one (1) supplemental sheet attached hereto.

Page 2

SUPPLEMENTAL SHEET FOR **DECLARATION AND ASSIGNMENT**

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Signature LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Pale: Jul 23, 2015 Jul 24, 2015 Jul 24, 2015 LEGAL NAME OF JOINT INVENTOR, IF ANY Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: Signature: Signature: Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: Signature: Signature: Signature: Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: Signature: Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: Signature: Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Phillip STOCKTON Date:	Inventor's Name	⇒ Inventor:	George Michael BROWER	Date:	Jul 24, 2015
Inventor's Name Signature	Inventor's Signature	⇒ Signature:	Complete Brook (July 24)		
Inventor's Name Signature		LEGAL N	AME OF IOINT INVENTOR, IF ANY		
LEGAL NAME OF JOINT INVENTOR, IF ANY Signature: Sign	Inventor's Name			Date:	Jul 23, 2015
Inventor's Name Inventor's Signature: Sig	Inventor's Signature	⇒ Signature:	Sachard Title (All 23, 20 to)		
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Inventor's Name of Inventor: Igor CLARK Date: Jul 24, 2015 LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature of Inventor's Signature: Search Color (AS 23, 2015) LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name of Inventor: Isaac BLANKENSMITH Date: Jul 24, 2015 LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature of Signature: Isaac BLANKENSMITH Date: Jul 24, 2015 LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature of Signature: Isaac BLANKENSMITH Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name of Inventor: Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature of Signature of Signature: Signature of Signature	Inventor's Signature	⇒Signature:	Susanne Chanters (Jul 23, 2015)		
Inventor's Signature Signature: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature: Signature: Signature: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: Signature: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature: Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature: Date:		LEGAL N	AME OF JOINT INVENTOR, IF ANY		
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Inventor's Name Inventor's Signature Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature Signature Signature Signature Signature Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature Signature Signature Signature Date: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature Date:	Inventor's Signature	⇒Signature:	1GOR CLARK (Asi 94, 2018)		
Inventor's Signature:		LEGAL N	AME OF JOINT INVENTOR, IF ANY		
LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Signature: Date:	Inventor's Name	⇒Inventor:	Glenn COCHON	Date:	Jul 23, 2015
Inventor's Name Signature: Signa	Inventor's Signature	⇒Signature:	Glenn Cochla (Jel 23, 2015)		
Inventor's Signature: issue Stant/Participal (AUS SA, 2018) LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Phillip STOCKTON Date: LEGAL NAME OF JOINT INVENTOR, IF ANY LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Kyle PHILIPS Date:		LEGAL N	AME OF JOINT INVENTOR, IF ANY		
LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name	Inventor's Name	⇒Inventor:	Isaac BLANKENSMITH	Date:	Jul 24, 2015
Inventor's Name Inventor's Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name Inventor's Name Inventor's Name Inventor's Name Inventor's Name Inventor's Name Inventor's Name Inventor's Name Inventor's Name Inventor's Name	Inventor's Signature	⇒Signature:	iseac Blankonomith (Jul 34, 2015)		
Inventor's Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name → Inventor: Kyle PHILIPS Date:		LEGAL N	AME OF JOINT INVENTOR, IF ANY		
LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name ⇒Inventor: Kyle PHILIPS Date:	Inventor's Name	⇒Inventor:	Phillip STOCKTON	Date:	
Inventor's Name ⇒Inventor: Kyle PHILIPS Date:	Inventor's Signature	⇒Signature:			
Inventor's Name ⇒Inventor: Kyle PHILIPS Date:		LEGAL N	AME OF JOINT INVENTOR, IF ANY		
	Inventor's Name		Vla DLIII IDC	Date:	
	Inventor's Signature				

BSKB-DECASSIGN\(09-12)

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention	⇒ A SYSTEM FOR COMPOSITING EDUCATIONAL VIDEO WITH INTERACTIVE, DYNAMICALLY RENDERED VISUAL AIDS
	As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
	This declaration is directed to the application attached hereto.
Application not Attached	⇒ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln. No.	⇒ United States Application Number or PCT International Appln. No.
Enter Filing Date	⇒ 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 original joint inventor of a claimed invention in the application.
	I have reviewed and understand the contents of the above-identified application, including the claims.
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
	WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
Insert Name of Assignee	⇒ WHEREAS, GOOGLE INC.
Insert Address of Assignee	⇒ of 1600 Amphitheatre Parkway, Mountain View, CA 94043, United States,
	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	⇒ 🔀 in any foreign countries.
	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories,

Page 1

terms for which the same may be granted.

dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or

BSKB-DECASSIGN(09-12)

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

	LEGAL NA	AME OF INVENTOR	
Inventor's Name ⇒	Inventor:	Asa Jonas Ivry BLOCK	Date:
Inventor's Signature ⇒	Signature:		
		O/SB/14 or equivalent), including naming the entire inventiventor; or check the box below and complete the attached pa	

Additional inventors are being named on the one (1) supplemental sheet attached hereto.

Page 2

SUPPLEMENTAL SHEET FOR **DECLARATION AND ASSIGNMENT**

ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor:	George Michael BROWER	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒ Inventor:	Richard THE	Date:
Inventor's Signature	⇒ Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Suzanne CHAMBERS	Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Igor CLARK	Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Glenn COCHON	Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Isaac BLANKENSMITH	Date:
Inventor's Signature	⇒Signature:		
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:	Phillip STOCKTON	Date:
Inventor's Signature	⇒Signature: 🖁	indige 3 Lation (dat 27, 2016)	
	LEGAL NA	AME OF JOINT INVENTOR, IF ANY	
Inventor's Name	⇒Inventor:		Date: Jul 27, 2015
Inventor's Signature	⇒Signature: `	Ma Phillips Cyto Priilips (ita 27, 6916)	

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