503622038 12/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3668669

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARNAB SANAT KUMAR DHUA	12/15/2015
GAUTAM BHARGAVA	12/11/2015
KETAN RAMESH DESHPANDE	12/09/2015
AISHWARYA NATESH	12/09/2015
DHEERAJ SOTI	12/09/2015
MING DU	12/09/2015
COLIN JON TAYLOR	12/09/2015

RECEIVING PARTY DATA

Name:	A9.COM, INC.	
Street Address:	130 LYTTON AVE, SUITE 300	
City:	PALO ALTO	
State/Country:	CALIFORNIA	
Postal Code:	94301-1044	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14959968

CORRESPONDENCE DATA

Fax Number: (415)374-2499

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: 415-374-2300

Email: julie.raynova@hoganlovells.com **Correspondent Name:** HOGAN LOVELLS US LLP

Address Line 1: 3 EMBARCADERO CENTER, SUITE 1500
Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	020347.021701
NAME OF SUBMITTER:	ADAM T. HIPP
SIGNATURE:	/Adam T. Hipp/
DATE SIGNED:	12/21/2015

PATENT 503622038 REEL: 037344 FRAME: 0838

Total Attachments, 11	
Total Attachments: 11	
source=020347_021701_Assignment#page1.tif	
source=020347_021701_Assignment#page2.tif	
source=020347_021701_Assignment#page3.tif	
source=020347_021701_Assignment#page4.tif	
source=020347_021701_Assignment#page5.tif	
source=020347_021701_Assignment#page6.tif	
source=020347_021701_Assignment#page7.tif	
source=020347_021701_Assignment#page8.tif	
source=020347_021701_Assignment#page9.tif	
source=020347_021701_Assignment#page10.tif	
source=020347_021701_Assignment#page11.tif	

U.S. Patent Appln. No. 14/959,968

Attorney Docket No. 020347.021701

Filing Date December 4, 2015

Client Docket No. P29088-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

Arnab Sanat Kumar Dhua 410 Terry Avenue North Seattle, WA 98109-5210

Gautam Bhargava 410 Terry Avenue North Seattle, WA 98109-5210

Ketan Ramesh Deshpande 410 Terry Avenue North Seattle, WA 98109-5210

Ming Du

410 Terry Avenue North Seattle, WA 98109-5210 Assignee: A.9.com, Inc. 130 Lytton Ave, Suite 300 Palo Alto, CA 94301-1044 Aishwarya Natesh

410 Terry Avenue North Seattle, WA 98109-5210

Dheeraj Soti

410 Terry Avenue North Seattle, WA 98109-5210

Colin Jon Taylor

410 Terry Avenue North Seattle, WA 98109-5210

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"CONTENT RECOMMENDATION BASED ON COLOR MATCH " (Invention) for which a nonprovisional application for United States Letters Patent (Application):

| was filed on December 4, 2015 and accorded U.S. Application No. 14/959,968; or
| will be filed concurrently with the submission of this executed PATENT ASSIGNMENT
| for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Page 1 of 11

U.S. Patent Appln. No. 14/959,968

Attorney Docket No. 020347.021701

Filing Date December 4, 2015

Client Docket No. P29088-US

Title of Invention: CONTENT RECOMMENDATION BASED ON COLOR MATCH

Inventors: Arnab Sanat Kumar Dhua, Gautam Bhargava, Ketan Ramesh Deshpande, Ming Du,

Aishwarya Natesh, Dheeraj Soti, Colin Jon Taylor

Hogan Lovells US LLP, associated with Customer No. 131836, to insert in the header above and

here in parentheses (U.S. Patent Application No. 14/959,968, filed December 4, 2015) this

application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the

entire right, title and interest in and to the Invention and in and to any letters patent that may

be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and 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 and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

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)

Page 2 of 11

PATENT

REEL: 037344 FRAME: 0841

U.S. Patent Appln. No. 14/959,968

Attorney Docket No. 020347.021701

Filing Date December 4, 2015

Client Docket No. P29088-US

Title of Invention: CONTENT RECOMMENDATION BASED ON COLOR MATCH

Inventors: Arnab Sanat Kumar Dhua, Gautam Bhargava, Ketan Ramesh Deshpande, Ming Du,

Aishwarya Natesh, Dheeraj Soti, Colin Jon Taylor

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.

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

Page 3 of 11

PATENT

U.S. Patent Appln. No. <u>14/959,968</u>

Attorney Docket No. <u>020347.021701</u>

Filing Date <u>December 4, 2015</u>

Client Docket No. P29088-US

Title of Invention: CONTENT RECOMMENDATION BASED ON COLOR MATCH

Inventors: Arnab Sanat Kumar Dhua, Gautam Bhargava, Ketan Ramesh Deshpande, Ming Du, Aishwarya Natesh, Dheeraj Soti, Colin Jon Taylor

the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

U.S. Patent Appln. No. <u>14/959,968</u>	Attorney Docket No. <u>020347.021701</u>
Filing Date <u>December 4, 2015</u>	Client Docket No. <u>P29088-US</u>
Title of Invention: CONTENT RECOMMENDATION	ON BASED ON COLOR MATCH
Inventors: Arnab Sanat Kumar Dhua, Gautam Aishwarya Natesh, Dheeraj Soti, Colin Jon Ta	Bhargava, Ketan Ramesh Deshpande, Ming Du, ylor
<u>DECLARATION</u>	
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 <u>14/959,968</u> filed on <u>December 4, 2015</u> ; 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 the
application.	
I have reviewed and understand the contents	• • • • • • • • • • • • • • • • • • • •
	tent & Trademark Office all information known to
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:	
Arnab Sanat Kumar Dhua	
December 15, 2015	
Date	

Page 5 of 11

U.S. Patent Appln. No. <u>14/959,968</u>	Attorney Docket No. <u>020347.021701</u>
Filing Date <u>December 4, 2015</u>	Client Docket No. <u>P29088-US</u>
Title of Invention: CONTENT RECOMMEND	ATION BASED ON COLOR MATCH
Inventors: Arnab Sanat Kumar Dhua, Gau Aishwarya Natesh, Dheeraj Soti, Colin Jor	tam Bhargava, Ketan Ramesh Deshpande, Ming Du, 1 Taylor
DECLARATION	
As a below named inventor, I hereby decla	re that:
This declaration is directed to:	
igsqcup the attached application; or	
United States Patent Application	on number <u>14/959,968</u> filed on <u>December 4, 2015</u> ; or
PCT International Application r	number filed on
The above-identified application was made	·
_	an original joint inventor of a claimed Invention in the
application.	
	ents of the above-identified application, and S Patent & Trademark Office all information known to lefined in 37 CFR 1.56.
I hereby acknowledge that any willful false under 18 USC 1001 by fine or imprisonment	e statement made in this declaration is punishable nt of not more than five (5) years, or both.
Docusigned by: 1 Gautam Bhargava Gautam Bhargava	
December 11, 2015 Date	

Page 6 of 11

U.S. Patent Appln. No. <u>14/959,968</u>	Attorney Docket No. <u>020347.021701</u>
Filing Date <u>December 4, 2015</u>	Client Docket No. <u>P29088-US</u>
Title of Invention: CONTENT RECOMMEND	DATION BASED ON COLOR MATCH
Inventors: Arnab Sanat Kumar Dhua, Gau Aishwarya Natesh, Dheeraj Soti, Colin Jo	utam Bhargava, Ketan Ramesh Deshpande, Ming Du, n Taylor
<u>DECLARATION</u>	
As a below named inventor, I hereby decl	are that:
This declaration is directed to:	
igsqcup the attached application; or	
United States Patent Applicati	ion number <u>14/959,968</u> filed on <u>December 4, 2015</u> ; or
PCT International Application	number filed on
The above-identified application was mad	de 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 cont	ents of the above-identified application, and
acknowledge the duty to disclose to the U	JS Patent & Trademark Office all information known to
me to be material to the patentability as	defined in 37 CFR 1.56.
I hereby acknowledge that any willful fals	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
/ketan Kamesh Deshpande/ Setan Ramesh Deshpande/ Ketan Ramesh Deshpande	
December 9, 2015	
Date	

Page 7 of 11

U.S. Patent Appln. No. <u>14/959,968</u>	Attorney Docket No. <u>020347.021701</u>
Filing Date <u>December 4, 2015</u>	Client Docket No. <u>P29088-US</u>
Title of Invention: CONTENT RECOMMEND	ATION BASED ON COLOR MATCH
Inventors: Arnab Sanat Kumar Dhua, Gau Aishwarya Natesh, Dheeraj Soti, Colin Joi	tam Bhargava, Ketan Ramesh Deshpande, Ming Du, 1 Taylor
DECLARATION	
As a below named inventor, I hereby declar	are that:
This declaration is directed to:	
igsqcup the attached application; or	
United States Patent Applicati	on number <u>14/959,968</u> filed on <u>December 4, 2015</u> ; or
PCT International Application	number filed on
The above-identified application was mad	e or authorized to be made by me. an original joint inventor of a claimed invention in the
application.	
арриодион.	
I have reviewed and understand the conte	ents of the above-identified application, and
acknowledge the duty to disclose to the U	S Patent & Trademark Office all information known to
me to be material to the patentability as o	lefined in 37 CFR 1.56.
I hereby acknowledge that any willful false	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	nt of not more than five (5) years, or both.
DocuSigned by: Ming Du/	
Ming Du	
December 9, 2015	
Date	

Page 8 of 11

U.S. Patent Appln. No. <u>14/959,968</u>	Attorney Docket No. <u>020347.021701</u>
Filing Date <u>December 4, 2015</u>	Client Docket No. <u>P29088-US</u>
Title of Invention: CONTENT RECOMMEN	DATION BASED ON COLOR MATCH
Inventors: Arnab Sanat Kumar Dhua, Ga Aishwarya Natesh, Dheeraj Soti, Colin Jo	utam Bhargava, Ketan Ramesh Deshpande, Ming Du, on Taylor
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
the attached application; or	
United States Patent Applicat	ion number <u>14/959,968</u> filed on <u>December 4, 2015</u> ; or
PCT International Application	number filed on
The above-identified application was ma	de or authorized to be made by me.
I believe that I am the original inventor o application.	r an original joint inventor of a claimed Invention in the
I have reviewed and understand the cont	tents of the above-identified application, and
acknowledge the duty to disclose to the	US Patent & Trademark Office all information known to
me to be material to the patentability as	defined in 37 CFR 1.56.
I hereby acknowledge that any willful fals	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
Docusigned by: (Mishwarya Natesh/	
Aishwarya Natesh	
December 9, 2015	
Date	

Page 9 of 11

U.S. Patent Appln. No. <u>14/959,968</u>	Attorney Docket No. <u>020347.021701</u>
Filing Date <u>December 4, 2015</u>	Client Docket No. <u>P29088-US</u>
Title of Invention: CONTENT RECOMMEN	DATION BASED ON COLOR MATCH
Inventors: Arnab Sanat Kumar Dhua, Ga Aishwarya Natesh, Dheeraj Soti, Colin Jo	utam Bhargava, Ketan Ramesh Deshpande, Ming Du, on Taylor
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	clare that:
This declaration is directed to:	
the attached application; or	
United States Patent Applica	tion number <u>14/959,968</u> filed on <u>December 4, 2015</u> ; or
PCT International Application	n number filed on
The above-identified application was ma	ide or authorized to be made by me.
I believe that I am the original inventor of application.	or an original joint inventor of a claimed Invention in the
I have reviewed and understand the con	tents of the above-identified application, and
acknowledge the duty to disclose to the	US Patent & Trademark Office all information known to
me to be material to the patentability as	defined in 37 CFR 1.56.
I hereby acknowledge that any willful fal	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonm	ent of not more than five (5) years, or both.
Docusigned by: /Dury Sofi/	
December 9, 2015	-

Page 10 of 11

U.S. Patent Appln. No. <u>14/959,968</u>	Attorney Docket No. <u>020347.021701</u>
Filing Date <u>December 4, 2015</u>	Client Docket No. <u>P29088-US</u>
Title of Invention: CONTENT RECOMMENDATION BASED ON COLOR MATCH	
Inventors: Arnab Sanat Kumar Dhua, Gautam Bhargava, Ketan Ramesh Deshpande, Ming Du, Aishwarya Natesh, Dheeraj Soti, Colin Jon Taylor	
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
the attached application; or	
United States Patent Applicat	ion number <u>14/959,968</u> filed on <u>December 4, 2015</u> ; or
PCT International Application	number 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 cont	ents of the above-identified application, and
acknowledge the duty to disclose to the US Patent & Trademark Office all information known to	
me to be material to the patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.	
Colin Joh Taylor/	
Colin Jon Taylor	
December 9, 2015	
Date	

Page 11 of 11

PATENT RECORDED: 12/21/2015 REEL: 037344 FRAME: 0850