PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2873768

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN LEE COLWELL	04/07/2014
ERIC SCHMIDT	04/03/2014

RECEIVING PARTY DATA

Name:	X1 DISCOVERY, INC.
Street Address:	130 WEST UNION STREET
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14201623

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: 3105513450

Email: efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET, 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	X1DIS.001A
NAME OF SUBMITTER:	DAVID N. WEISS
SIGNATURE:	/David N. Weiss/
DATE SIGNED:	05/28/2014

Total Attachments: 6

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PATENT |

Application Data Sheet filed previously or concurrently

Docket No.: X1.012A Page 1 of 3

Title: METHODS AND SYSTEMS FOR FEDERATION OF RESULTS FROM SEARCH INDEXING

Inventors: Steven Lee Colwell, Eric Schmidt

Declaration

This Declaration is directed to the application identified above that:

Was filed **March 7**, **2014** as U.S. or International Application No. **14/201,623** and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 in the application.

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.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **X1 Discovery, Inc.**, with its principal place of business at 130 West Union Street, Pasadena, CA 91103 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). 61/804,576, filed **March 22, 2013** (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

Application Data Sheet filed previously or concurrently

Docket No.: X1.012A Page 2 of 3

Title: METHODS AND SYSTEMS FOR FEDERATION OF RESULTS FROM SEARCH INDEXING

Inventors: Steven Lee Colwell, Eric Schmidt

WITNESS my hand and official seal.

CASEY E. MARKS
Commission # 2009918
Notary Public - California
Santa Barbara County
My Comm. Expires Apr 2, 2017

[SEAL]

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, 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 DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work 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 the ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Steven Lee Colwell IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
Signature:
Signature before a Notary is desirable but not required.
STATE OF CALIFORNIA
STATE OF CALIFORNIA SS. COUNTY OF Santa Box baxe Solution Solu
On <u>04/07/2017</u> , before me, <u></u>
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Notary Signature

PATENT

REEL: 032977 FRAME: 0670

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: X1.012A	Page 3 of 3
Title: METHODS AND SYSTEMS FOR FEDERATION OF RESULTS FROM SEARCH INC	EXING
Inventors: Steven Lee Colwell, Eric Schmidt	
Legal Name of inventor: Eric Schmidt	
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of	,
Signature:	
Signature before a Notary is desirable but not rec	quired.
STATE OF CALIFORNIA COUNTY OF ss.	
On	ey executed ne instrument
I certify under PENALTY OF PERJURY under the laws of the State of California that the for paragraph is true and correct.	egoing
WITNESS my hand and official seal.	
Notary Signature	
[SEAL]	

17462575

Application Data Sheet filed previously or concurrently

Docket No.: X1.012A Page 1 of 3

Title: METHODS AND SYSTEMS FOR FEDERATION OF RESULTS FROM SEARCH INDEXING

Inventors: Steven Lee Colwell, Eric Schmidt

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I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventors

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

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NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). 61/804,576, filed **March 22, 2013** (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

Application Data Sheet filed previously or concurrently

Docket No.: X1.012A Page 2 of 3
Title: METHODS AND SYSTEMS FOR FEDERATION OF RESULTS FROM SEARCH INDEXING

Inventors: Steven Lee Colwell, Eric Schmidt

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, 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 DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work 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 the ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Legal Name of inventor: Steven Lee Colwell	
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of 20	,
Signature:	
Signature before a Notary is desirable but not requ	uired.
STATE OF CALIFORNIA	
COUNTY OFss.	
On, before me,	ne person(s) he/they e(s) on the
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregaragraph is true and correct.	going
WITNESS my hand and official seal.	
Notary Signature [SEAL]	

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently

Docket No.: X1.012A Page 3 of 3
Title: METHODS AND SYSTEMS FOR FEDERATION OF RESULTS FROM SEARCH INDEXING
Inventors: Steven Lee Colwell, Eric Schmidt

Legal Name of inventor: Eric Schmidt
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30 day of 40 ri , 20 14.
2014
Signature:
Signature before a Notary is desirable but not required.
STATE OF CALIFORNIA
COUNTY OF Sauta Clara ss.
On April 3, 2014, before me, Tetraco HARTNET , notary public, personally appeared Eric Schmidt who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing

WITNESS my hand and official seal.

paragraph is true and correct.

[SEAL]



17462575

RECORDED: 05/28/2014