505156179 10/24/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5202946

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AJAY KUMAR GUPTA	03/29/2017
WILLIAM L. THOMAS	03/28/2017
MATHEW C. BURNS	03/27/2017
GABRIEL C. DALBEC	03/27/2017
ALEXANDER W. LISTON	03/27/2017
JONATHAN A. LOGAN	03/29/2017
MARGRET B. SCHMIDT	03/27/2017

RECEIVING PARTY DATA

Name:	ROVI GUIDES, INC.
Street Address:	2160 GOLD STREET
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95002

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16168947

CORRESPONDENCE DATA

Fax Number:

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.

Email: maria.marley@hglaw.com
Correspondent Name: HALEY GUILIANO LLP

Address Line 1:75 BROAD STREET, SUITE 1000Address Line 4:NEW YORK, NEW YORK 10004

ATTORNEY DOCKET NUMBER:	003597-1618-102
NAME OF SUBMITTER:	MARIA MARLEY
SIGNATURE:	/MARIA MARLEY/
DATE SIGNED:	10/24/2018
	•

Total Attachments: 12

PATENT REEL: 047291 FRAME: 0228

505156179

source=003597-1618-102-Assign#page1.tif	
source=003597-1618-102-Assign#page2.tif	
source=003597-1618-102-Assign#page3.tif	
source=003597-1618-102-Assign#page4.tif	
source=003597-1618-102-Assign#page5.tif	
source=003597-1618-102-Assign#page6.tif	
source=003597-1618-102-Assign#page7.tif	
source=003597-1618-102-Assign#page8.tif	
source=003597-1618-102-Assign#page9.tif	
source=003597-1618-102-Assign#page10.tif	
source=003597-1618-102-Assign#page11.tif	
source=003597-1618-102-Assign#page12.tif	
Source=003597-1618-102-Assign#page12.tif	

ASSIGNMENT

Whereas we,

- (1) Ajay Kumar Gupta(2) William L. Thomas
- (3) Mathew C. Burns
- (4) Gabriel C. Dalbec
- (5) Alexander W. Liston
- (6) Jonathan A. Logan
- (7) Margret B. Schmidt

residing, respectively at:

- 311 Lowell St, Apt #2213 (1)Andover, MA 01810
- 28640 Douglas Park Road (2)Evergreen, CO 80439
- 11289 Bay Laurel Street (3)Dublin, CA 94568
- 16530 Trail Drive (4)Morgan Hill, CA 95037
- 2319 Crest Lane (5)Menlo Park, CA 94025
- (6) 650 Castro Street, Suite 120-360 Mountain View, CA 94041
- (7) 451 Santa Clara Ave. Redwood City, CA 94061

have made an invention in:

SYSTEM AND METHODS FOR DISAMBIGUATING AN AMBIGUOUS ENTITY IN A SEARCH QUERY BASED ON THE GAZE OF A USER

and are about to make application for United States Letters
Patent therefor, the same having been executed by each of us on
even date or dates herewith; and

WHEREAS, ROVI GUIDES, INC., a corporation organized and existing under the laws of the State of Delaware and having an office and place of business at Two Circle Star Way, San Carlos, CA 94070, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of us hereby sells, assigns and transfers unto the said ROVI GUIDES, INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and each of us hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to the said ROVI GUIDES, INC. as the assignee of the entire interest therein; and each of us further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said

invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

As the inventor, we each declare as follows:

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 bereby acknowledge that any willful false statement made in the declaration set forth in this paragraph is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

Mon a 29,20,7	- (MM ·	
Date	Ajay Kumar Gupta	× * * *
·		
Date () () () () () () () () () (William L. Thomas	
	÷	# # # # # # # # # # # # # # # # # # #
Date :	Mathew C. Burns	
Date	Gabriel C. Dalbec	*************************

- 4 -

Date	Alexander W. Liston
Date	Jonathan A. Logan
Date	Margret B. Schmidt

ASSIGNMENT

Whereas we,

- (1) Ajay Kumar Gupta(2) William L. Thomas
- (3) Mathew C. Burns
- (4) Gabriel C. Dalbec
- (5) Alexander W. Liston
- (6) Jonathan A. Logan
- (7) Margret B. Schmidt

residing, respectively at:

- 311 Lowell St, Apt #2213 (1)Andover, MA 01810
- 28640 Douglas Park Road (2)Evergreen, CO 80439
- (3) 11289 Bay Laurel Street Dublin, CA 94568
- 16530 Trail Drive (4)Morgan Hill, CA 95037
- 2319 Crest Lane (5)Menlo Park, CA 94025
- 650 Castro Street, Suite 120-360 (6)Mountain View, CA 94041
- 451 Santa Clara Ave. (7)Redwood City, CA 94061

have made an invention in:

SYSTEM AND METHODS FOR DISAMBIGUATING AN AMBIGUOUS ENTITY IN A SEARCH QUERY BASED ON THE GAZE OF A USER

and are about to make application for United States Letters
Patent therefor, the same having been executed by each of us on
even date or dates herewith; and

WHEREAS, ROVI GUIDES, INC., a corporation organized and existing under the laws of the State of Delaware and having an office and place of business at Two Circle Star Way, San Carlos, CA 94070, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of us hereby sells, assigns and transfers unto the said ROVI GUIDES, INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and each of us hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to the said ROVI GUIDES, INC. as the assignee of the entire interest therein; and each of us further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said

invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

As the inventor, we each declare as follows:

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 hereby acknowledge that any willful false statement made in the declaration set forth in this paragraph is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

Date	Ajay Kumar Gupta
3/28/17	Willin L. Thomas
Date	William L. Thomas
Date	Mathew C. Burns
Date	Gabriel C. Dalbec

- 4 -

Date	Alexander W. Liston
Date	Jonathan A. Logan
Date	Margret B. Schmidt

ASSIGNMENT

Whereas we,

- (1) Ajay Kumar Gupta(2) William L. Thomas
- (3) Mathew C. Burns
- (4) Gabriel C. Dalbec
- (5) Alexander W. Liston
- (6) Jonathan A. Logan
- (7) Margret B. Schmidt

residing, respectively at:

- 311 Lowell St, Apt #2213 (1)Andover, MA 01810
- 28640 Douglas Park Road (2)Evergreen, CO 80439
- 11289 Bay Laurel Street (3)Dublin, CA 94568
- 16530 Trail Drive (4)Morgan Hill, CA 95037
- 2319 Crest Lane (5)Menlo Park, CA 94025
- (6) 650 Castro Street, Suite 120-360 Mountain View, CA 94041
- (7) 451 Santa Clara Ave. Redwood City, CA 94061

have made an invention in:

SYSTEM AND METHODS FOR DISAMBIGUATING AN AMBIGUOUS ENTITY IN A SEARCH QUERY BASED ON THE GAZE OF A USER

and are about to make application for United States Letters
Patent therefor, the same having been executed by each of us on
even date or dates herewith; and

WHEREAS, ROVI GUIDES, INC., a corporation organized and existing under the laws of the State of Delaware and having an office and place of business at Two Circle Star Way, San Carlos, CA 94070, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of us hereby sells, assigns and transfers unto the said ROVI GUIDES, INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and each of us hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to the said ROVI GUIDES, INC. as the assignee of the entire interest therein; and each of us further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said

invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

As the inventor, we each declare as follows:

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 hereby acknowledge that any willful false statement made in the declaration set forth in this paragraph is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

Date	Ajay Kumar Gupta
Date	William L. Thomas
3/27/17 Date	Mathew C. Burns
3/27/17	al ar
Date	Gabriel C. Dalbec

PATENT REEL: 047291 FRAME: 0241

RECORDED: 10/24/2018