

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3618197

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW TOMKINS	10/23/2015
DANDAPANI SIVAKUMAR	10/21/2015
SANGSOO SUNG	11/12/2015
JUSTIN KOSSLYN	10/21/2015
TODD JACKSON	10/21/2015
YA LUO	10/22/2015
ANDREW BUNNER	11/04/2015
LUCA DE ALFARO	10/21/2015
ANDRE ROHE	11/16/2015
ALEXANDER SOBOL	11/14/2015
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:	14842554
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	10029-04985 US

NAME OF SUBMITTER:	PAIGE M. ALSBURY
SIGNATURE:	/Paige Alsbury/
DATE SIGNED:	11/16/2015
Total Attachments: 5 source=04985US_Assignment#page1.tif source=04985US_Assignment#page2.tif source=04985US_Assignment#page3.tif source=04985US_Assignment#page4.tif source=04985US_Assignment#page5.tif	

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Google Inc.**, a **Delaware** corporation, having a place of business at **1600 Amphitheatre Parkway, Mountain View, CA 94043** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **SCORING STREAM ITEMS IN REAL TIME** ("APPLICATION"), which:

- having a filing date of September 1, 2015, and bearing U.S. application serial number 14/842,554.
- The APPLICATION is a continuation of and claims the benefit of U.S. application, filed on April 29, 2011, now bearing U.S. application serial number 13/098,110; and
- the APPLICATION claims the benefit of a provisional application, filed on December 18, 2010, now bearing U.S. application serial number 61/424,636.

2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

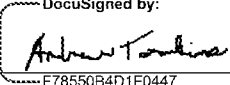
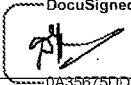
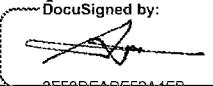
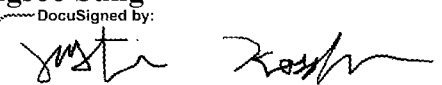
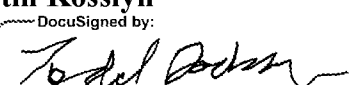
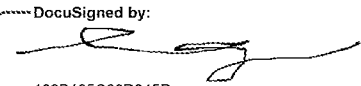
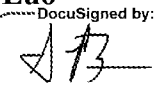
INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

Title: Scoring Stream Items in Real Time
Filed: September 1, 2015
Application No.: 14/842,554

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

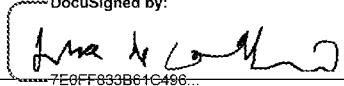
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<p>X _____ DocuSigned by:</p>	<p>_____</p> <hr/> <p>Date of Signature</p>

Title: Scoring Stream Items in Real Time
Filed: September 1, 2015
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Alexander Sobol

DocuSigned by:

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Luca de Alfaro

Date of Signature

10/21/2015

Date of Signature

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X _____
Andrew Tomkins

Date of Signature

X _____
Dandapani Sivakumar

Date of Signature

X _____
Sangsoo Sung

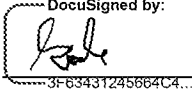
Date of Signature

X _____
Justin Kosslyn

Date of Signature

X _____
Todd Jackson

Date of Signature

X  _____
Andre Rohe

11/16/2015

Date of Signature

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Ya Luo

Date of Signature

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Andrew Bunner

Date of Signature

Title: Scoring Stream Items in Real Time

Filed: September 1, 2015

Application No.: 14/842,554

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Alexander Sobol

11/14/2015

Date of Signature

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Luca de Alfaro

Date of Signature