PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2710966

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
Name Execution Da				Execution Date	
SHANMUGASUNDARAM RAVIKUMAR				10/28/2013	
BAHMAN BAHMANI				11/15/2013	
RECEIVING PARTY DATA					
Name:	YAHOO! INC.				
Street Address:	701 FIRST AVENUE				
City:	SUNNYVALE				
State/Country:	CALIFORNIA				
Postal Code:	94089				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number:		140651	35108		
CORRESPONDENCE DATA					
Fax Number: (408)749-6901					
Phone: 408 774-6911					
Email: kathi@mpiplaw.com					
Correspondence will be sent via US Mail when the email attempt is unsuccessful.					
Correspondent Name: NISHITKUMAR V. PATEL Address Line 1: 710 LAKEWAY DRIVE					
Address Line 1: 710 LAREWAT DRIVE					
Address Line 4: SUNNYVALE, CALIFORNIA 94085					
ATTORNEY DOCKET NUMBER:			YAHOP161		
NAME OF SUBMITTER:			NISHITKUMAR V. PATEL		
Signature:			/Nishitkumar V. Patel/		
Date:			02/03/2014		
Total Attachments: 3 source=YAHOP161_Efiled_Assignment#page1.tif source=YAHOP161_Efiled_Assignment#page2.tif source=YAHOP161_Efiled_Assignment#page3.tif					

ASSIGNMENT OF PATENT APPLICATION BY INVENTOR

Whereas I, an undersigned inventor (hereinafter "INVENTOR"), have invented certain new and useful improvements as set forth in the patent application entitled:

SYSTEMS AND METHODS FOR GENERATING A DENSE GRAPH

for which I have executed a U.S. patent application on even date herewith.

 \boxtimes which bears U.S. application serial No. 14/065,108, filed October 28, 2013.

☐ for which I have executed a patent application in the country of ______ on even date herewith.

which I have executed a U.S. provisional application on even date herewith.

which is a U.S. provisional application which bears U.S. application serial No. _____, filed _____.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

(a) Sell, assign and transfer to Yahoo! Inc., a Delaware corporation having a place of business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.

(b) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

(c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative

Systems and Methods for Generating A Dense Graph by Sergei Vassilvitskii, Shanmugasundaram Ravikumar and Bahman Bahmani to Yahoo! Inc. YAHOP161/Y07864US01

(d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.

(e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.

(f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.

(g) Authorize and request my attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

I <u>Sergei Vassilitskii</u>

have signed this document on the date indicated below.

Signature of Inventor

<u>New York, NY</u> Inventor's City, State of residence

I <u>Shanmugasundaram Ravikumar</u> below.

have signed this document on the date indicated

Date OCT 28, 2013

Signature of Inventor

Sunnyvale, California Inventor's City, State of residence

I <u>Bahman Bahmani</u>

have signed this document on the date indicated below.

Signature of Inventor

Date

Date

<u>Stanford, California</u> Inventor's City, State of residence Systems and Methods for Generating A Dense Graph by Sergei Vassilvitskii, Shanmugasundaram Ravikumar and Bahman Bahmani to Yahoo! Inc. YAHOP161/Y07864US01

(d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.

(e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.

(f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.

(g) Authorize and request my attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

I Sergei Vassilitskii have signed this document on the date indicated below.

Signature of Inventor

Date

New York, NY Inventor's City, State of residence

I <u>Shanmugasundaram Ravikumar</u> have signed this document on the date indicated below.

Signature of Inventor

Date

Sunnyvale, California Inventor's City, State of residence

I Bahman Bahmani have signed this document on the date indicated below.

Signature of Inventor

11/15/2013

Los Altos, California Inventor's City, State of residence

> PATENT REEL: 032124 FRAME: 0369

RECORDED: 02/03/2014