502651420 01/27/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2698028

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Niek Bergboer	01/27/2014
Jonah Jones	01/24/2014
Frederik Schaffalitzky	01/25/2014

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:	14159692

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 (404) 892-5005

 Email:
 apsi@fr.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: TRACY M. HITT

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	16113-2692002
NAME OF SUBMITTER:	KRISTI A. HOLMLUND
Signature:	/Kristi A. Holmlund/
	PATENT

502651420 REEL: 032047 FRAME: 0135

Date:	01/27/2014
Total Attachments: 2 source=2692002assignment#page1.tif source=2692002assignment#page2.tif	

PATENT REEL: 032047 FRAME: 0136

Attomey's Docket No.: 16113-2692002

Page 1 of 2

ASSIGNMENT and CONFIRMATION

We, Niek Bergboer, Jonah Jones, and Frederik Schaffalitzky, each hereby confirm the assignment and transfer to Google Inc., a Delaware corporation having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, and its successors and assigns (collectively, "ASSIGNEE") of all of our individual and joint right, title and interest throughout the world in and to any and all inventions and improvements that are the subject or subjects of a patent application entitled

Rank-Based Image Piling

that names us as inventors, and was filed in the United States on January 21, 2014 as application no. 14/159,692. The foregoing assignment and transfer occurred by operation of one or more agreements relating to our employment by Google Inc. or an affiliate of Google Inc. Should any of us have any remaining interest, we each hereby assign and transfer any right, title or interest we may have in the above-mentioned inventions and improvements anywhere in the world to ASSIGNEE.

This assignment and confirmation includes the foregoing patent application or patent; all legal equivalents thereof in any country and all patents issuing therefrom; all patents, utility models, and design registrations granted for any of said inventions and improvements throughout the world; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize ASSIGNEE to apply in all countries in our names or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for the assigned inventions and improvements.

The foregoing assignments have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the employment-

Attomey's Docket No.: 16113-2692002

Page 2 of 2

related agreements existing at the time the above-mentioned inventions and improvements were made.

We hereby represent and covenant that no assignment, agreement or encumbrance has been or will be made or entered into by us that would conflict with the abovementioned assignment of the inventions and improvements to ASSIGNEE.

We further covenant for ourselves and our respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to any of the above-mentioned inventions and improvements, patent applications, patents and legal equivalents, as may be known and accessible to us; to testify as to the same in any interference, litigation, or proceeding relating thereto; and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce any of the above-mentioned applications, inventions and improvements, patents and equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Dated	Jan 27, 2014	10564	
and the state of t		Niek Bergboer	
Dated: Jan 24, 2014	<i>80[</i>]		
	Jonah Jones		
Dated: Jan 25, 2014	F54443		
	Frederik Schaffalitzky		
12173183.d	00		