PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3009374

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jens Scheffler	01/26/2011
Niklaus Haldimann	02/03/2011
Adam E. Winer	02/03/2011

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:	14464759

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (202) 783-5070 Email: apsi@fr.com

JOEL D. COUENHOVEN **Correspondent Name:** Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

MINNEAPOLIS, MINNESOTA 55440-1022 Address Line 4:

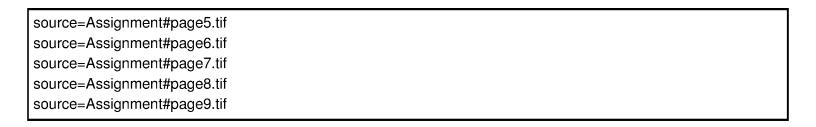
ATTORNEY DOCKET NUMBER:	16113-2513003	
NAME OF SUBMITTER:	LORI L. STEWART	
SIGNATURE:	/Lori L. Stewart/	
DATE SIGNED:	09/04/2014	

Total Attachments: 9

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif

> REEL: 033671 FRAME: 0068 502962775

PATENT



PATENT REEL: 033671 FRAME: 0069

ASSIGNMENT

For valuable consideration, we, JENS SCHEFFLER of 2006 Latham Street, Apt.74, Mountain View, CA 94040, NIKLAUS HALDIMANN of 283 Sanchez Street, San Francisco, CA 94114, ADAM E. WINER of 538 27th Street, San Francisco, CA 94131, hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled AUTOMATED WEB FRONTEND SHARDING, filed 02/04/2011, and assigned U.S. Serial Number 13/020, 966, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

	Jen S IIII JENS SCHEFFLER
Witnessed by: Office Signature	Date: 26 JAN 2011
MIKOL GRAVES Typed or Printed Name	
169 EASTWOOD DR. SAN FRANCISCO, CA 94112 Witness Address	
	NIKLAUS HALDIMANN
Witnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	

	ADAM E. WINER	
essed by:		
	Date:	
Signature		
Typed or Printed Name		

. 12133725.doc

ASSIGNMENT

For valuable consideration, we, <u>JENS SCHEFFLER</u> of 2006 Latham Street, Apt.74, 26 Chara Street, NY 10002 Mountain View, CA 94040, <u>NIKLAUS HALDIMANN</u> of 283 Sanchez Street, San Francisco. CA 94114, ADAM E. WINER of 538 27th Street, San Francisco, CA 94131, hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled AUTOMATED WEB FRONTEND SHARDING, filed 02/04/2011, and assigned U.S. Serial Number 13/020, 966, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

	·
	JENS SCHEFFLER
Witnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	·
	L. h.m.
	NIKLAUS HALDIMANN
Witnessed by:	
Wlady Cally Signature	Date: 2 - 3 - 2011
Ni kol 45 Couko 4 ma Typed or Printed Name	
New York, NY 100 Witness Address	3 F 33

ADAM E. WINER
Date:

. 12133725.doc

ASSIGNMENT

For valuable consideration, we, <u>JENS SCHEFFLER</u> of <u>2006 Latham Street</u>, Apt. 74. Mountain View, CA 94040, NIKLAUS HALDIMANN of 283 Sanchez Street, San Francisco, CA 94114, ADAM E. WINER of 538 27th Street, San Francisco, CA 94131, hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled AUTOMATED WEB FRONTEND SHARDING, filed 02/04/2011, and assigned U.S. Serial Number 13/020, 966, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

	JENS SCHEFFLER
itnessed by:	
	Date:
Signature	· · · · · · · · · · · · · · · · · · ·
Typed or Printed Name	
Witness Address	
•	
	NIKLAUS HALDIMANN
itnessed by:	
	Date:
Signature	
Typed or Printed Name	
	•
Witness Address	•

ADAME WINER

Witnessed by:

Northaniel Manista

Date: 5 February 2011

Signature

Nathaniel Manista

Typed or Printed Name

4100 N. Marine Dr. #17-L

Chicago IL 60613

Witness Address

. 12133725.doc