PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Peisheng Li	02/17/2011
Qi Zhu	02/16/2011
Luo Yu	02/17/2011
Xin Zhou	02/16/2011

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:	13288003

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 (650) 839-5070

 Email:
 quintana@fr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Brian J. Gustafson

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 16113-2368001

NAME OF SUBMITTER: Linda L. Quintana

PATENT

REEL: 027570 FRAME: 0580

\$40.00 1328

Total Attachments: 7

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ASSIGNMENT and CONFIRMATION

We, Peisheng Li; Qi Zhu; Luo Yu; and Xin Zhou ("ASSIGNORS"), hereby confirm the sale, 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 of a patent document entitled

"RELATED LINKS",

which document is found in an international patent application under the Patent Cooperation Treaty (PCT) assigned PCT Application No. PCT/CN2010/078385 and filed on November 3, 2010. The foregoing sale, assignment, and transfer occurred by operation of an employment agreement between each of us and our employer in China, which employer is an affiliate of Google Inc., and further by operation of a Research & Development Services Agreement between our employer and Google Inc. Should any of us have any remaining interest, we hereby sell, assign, and transfer any right, title or interest we may have in said 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 agreements existing at the time said inventions and improvements were made.

We hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said 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 said invention and improvements and said patents and legal equivalents as may be known and accessible to us and 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 said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Executed this	Signature of Inventor
17 day of <u>Feb</u> , 2011	Peisheng Li
Witnessed by:	!
Signature: Jerry X 74 Typed or Printed Name: Jerry X 74	
Typed or Printed Name: Jerry X 74	
Witness Address: Kejicin, T.Spark,	No.1. Zhongquancun East Road, Beijing
P.R. China, 100	084
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Executed this	Signature of Inventor	
day of , 2011	Peisheng Li	
Witnessed by:		
Signature:		
Typed or Printed Name:	· · · · · · · · · · · · · · · · · · ·	
Witness Address:		

Executed this	Signature of Inventor	
16 day of Feb, 2011	Qi Zhu	-
Witnessed by: Aug W		
Typed or Printed Name: Zhengzh	nu Feng	
Witness Address: 1600 Amphit	heatre Pkwy, Mountain View. (A	94043
Executed this	Signature of Inventor	
day of , 2011	Luo Yu	-
Witnessed by:		
Signature:		
Typed or Printed Name:		
Witness Address:		
Executed this	Signature of Inventor	
day of , 2011	Xin Zhou	_
Witnessed by:		
Signature:		
Typed or Printed Name:		
Witness Address:		
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Executed this	Signature of Inventor	
day of , 2011	Peisheng Li	
Witnessed by:	•	
Signature:		
Typed or Printed Name:		
Witness Address:		

Executed this	Signature of Inventor
day of 2011	
day of , 2011	Qi Zhu
Witnessed by:	
Signature:	·
Typed or Printed Name:	
Witness Address:	
Executed this	Signature of Inventor
17 day of Feb, 2011	Lw M
Witnessed by:	•
Signature:	
Typed or Printed Name: Xiao feng m	1;
Witness Address: 76 9th Ave. New York	, N7, 10011
Executed this	Signature of Inventor
day of , 2011	Xin Zhou
	·
Witnessed by:	
Signature:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Typed or Printed Name:	
Witness Address:	·

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Attorney Docket No. 16113-2368WO1 Assignment and Confirmation Page 1 of 2

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Executed this	Signature of Inventor	
day of , 2011	Peisheng Li	Macrosom Control of the Control of t
Witnessed by:		
Signature:		
Typed or Printed Name:		
Witness Address:		

Attorney Docket No. 16113-2368WO1 Assignment and Confirmation Page 2 of 2

Executed this	Signature of Inventor
day of, 2011	Qi Zhu
Witnessed by:	
Signature:	
Typed or Printed Name:	
Wilness Äddress:	
Executed this	Signature of Inventor
day of	Luo Yu
Witnessed by:	
Signature:	
Typed or Printed Name:	
Witness Address:	
Executed this	Signature of Inventor
(day of	Xin Zhou
Witnessed by: Signature:	
Typed or Printed Name:	
Witness Address: 15 England Schence	Park, Beijing China
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PATENT REEL: 027570 FRAME: 0588

RECORDED: 01/20/2012