503615310 12/16/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3661941

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AJOU UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION	07/24/2015

RECEIVING PARTY DATA

Name:	GOOGLE INC.	
Street Address:	Street Address: 1600 AMPHITHEATRE PARKWAY	
City:	City: MOUNTAIN VIEW	
State/Country: CALIFORNIA		
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Patent Number:	8238355	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: NEST:0069	
NAME OF SUBMITTER:	MICHAEL G. FLETCHER
SIGNATURE:	/Michael G. Fletcher/
DATE SIGNED:	12/16/2015

Total Attachments: 4

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PATENT REEL: 037309 FRAME: 0538 503615310

ASSIGNMENT

WHEREAS, AJOU UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, having a principal place of business at 206 Worldcup-ro, Yeongtong-gu, Suwon 443-749, Korea ("ASSIGNOR"), is the owner of the entire right, title and interest in and to the patents and/or patent applications listed in the attached Schedule A ("PATENTS AND PATENT APPLICATIONS").

WHEREAS, GOOGLE INC., a corporation organized under the laws of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043 ("ASSIGNEE"), desires to obtain the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

NOW, THEREFORE, in consideration of the good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns and transfers to ASSIGNEE the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS, and all rights of enforcement thereto, including all rights to sue or recover for the past infringement thereof, and further including the right to file and prosecute in its own name, wherever so permitted by law, patent applications, including corresponding applications, based on any of the PATENTS AND PATENT APPLICATIONS, and to claim priority to any of the PATENTS AND PATENT APPLICATIONS pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNEE may apply for and receive patents in its own name wherever so permitted by law and ASSIGNOR shall, when requested by ASSIGNEE, execute or cause to be executed all rightful oaths, assignments, and powers of attorney to ASSIGNEE or to agents and legal representatives of ASSIGNEE, and all other papers necessary and proper to carry out the intent and purpose of this Assignment, and ASSIGNOR further agrees:

- a. to execute all papers necessary in connection with the PATENTS AND PATENT APPLICATIONS, and any continuing, divisional, reissue, reexamination or other corresponding application thereof and to execute any separate Assignment in connection with such application as ASSIGNEE may deem necessary or expedient; and
- b. to perform all affirmative acts which may be necessary to obtain a grant of a valid patent to ASSIGNEE on any of the PATENTS AND PATENT APPLICATIONS and on any continuation, division, reissue or reexamination of any of the PATENTS AND PATENT APPLICATIONS.

ASSIGNOR retains no ownership rights in the patent applications, the patents, the inventions, and

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the rights transferred to ASSIGNEE hereunder.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized representative on this 24 day of July , 2015.

> AJOU UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION

Title: Director of Technology Liconsing office Date: July 14, 2015

ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

GOOGLE INC.

Name: Kirk W. Dailey

Head of Patent Transactions Title:

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SCHEDULE A

Jurisdiction	Application Number	Filing Date	Patent Number	Issue Date
US	12/525,665	08/03/2009	8,238,355	08/07/2012

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RECORDED: 12/16/2015