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Form PTO-1595 (Rev. 03-11) DMB No. 0651-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERC
PATENT	
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
1. Name of conveying party(les):	2. Name and address of receiving party(les)
Yoshimichi Matsuoka	Name: Google Inc.
	inlemal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(a);	
•	1600 Amphitheatre Parkway
Execution Date(s): March 7, 2013	
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Mountain View
Government Interest Assignment	State:California
Executive Order 9424, Confirmatory License	Country: United States of America Zip:94043
Other	Additional name(s) & address(es) Yes X No attached?
Additional numbers allached	? Yes XNo
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and 1
Name: Michael T. Hages LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address; Atty. Dkt.: GOOGLE 3,1-1117	
Street Address: 600 South Avenue West	x Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting tit
City: Westfield	8. Payment Information
State: NJ Zip: 07090	and a second sec
Phone Number: 908-654-5000	
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9. Signature:	
	March 11, 2013
Signature	Date
Michael T. Hages - 57,110	Total number of pages including cover 2
Name of Person Signing	sheet, attachments, and documents:

PATENT REEL: 029992 FRAME: 0956

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			Docket Number (Optional)
ASSIGNMEN			GOOGLE 3.1-1117
wented or discovered in	Yoshimichi Matsuoka of 1600 Amphithe iventions or discoveries, the subject ma R HOUSING" (hereafter "Patent Appli	atter of which	ay; Mountain View, California 94043, have h is described in the patent application enti
WHEREAS (If	the left box is checked), the Patent App , Application Number	lication was	filed with the U.S. Patent and, and
WHEREAS (If i oshimichi Matsuoka (ar rackets [Application No, pplication when known),	the left box is checked), the Patent Apple whereas I hereby authorize Lerner, D $\underline{29/447}, 980}$, filed on $\underline{3/8/}$ and	avid, Littenb 2013	ies the following inventors; erg, Krumholz & Mentlik, LLP, to Insert in h] the application number and filing date of th
mohitheatre Parkway: 1	eggle Inc., incorporated or otherwise for Mountain View, California 94043 (herea of memorializing its acquisition further	after, the "as	aware and having a place of business at <u>1</u> signee") is destrous of acquiring, or has antire right, title and interest in same;
a follows. I agree to as assigned Applications in atent Application, includ ontinuation, continuation atent Application pursu	sign, and hereby do assign, to the assig the United States of America and all of ding any and all inventions, discoveries n-in-part, substitute, reissue, re-examin	gnee my ent ther countrie and other s ation or othe	is, where "Assigned Applications" means the ubject matter described therein, any division or application claiming priority or benefit to
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