Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2016)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR	RM COVER SHEET
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
Name of conveying party(les):	2. Name and address of receiving party(les)
Shane R. Nay	Name: Google Inc.
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:  Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): March 11, 2013	1600 Amphitheatre Parkway
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?
4. Application or patent number(a):	This document is being filed together with a new application.
A. Petent Application No.(s)	B. Patent No.(s)
13/798,415	
61/713,866	
Additional numbers attached?	Yes X No
<ol><li>Name and address to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
Name: Noelle L. Cacciabeve	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty, Dkt.: GOOGLE 3.0-445	
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account
	Enclosed
	None required (government Interest not affecting title)
	Mone reduied (Bosessment manager not greeting title)
City: Westfield	8. Payment Information
State: NJ zip: 07090	
Phone Number: 908-654-5000 Fax Number: 908-654-7866	40.4005
Email Address: ataylor@ldlkm.com	Deposit Account Number 12-1095 Authorized User Name Noelle L. Cacclabeve
9. Signature:	1100110 2. 00001100110
Malle of Marialian	
Signature	March 25, 2013  Date
Noelle L. Cacciabeve - 63,075	Total purchased states including source
Name of Person Signing	sheet, attachments, and documents: 2

**PATENT REEL: 030103 FRAME: 0056** 

**RECORDED: 03/25/2013** 

	Docket Number (Optional)	
ASSIGNMENT OF PATENT APPLICATION	GOOGLE 3.0-445	
WHEREAS, I, Shane R. Nav of 1236 Eden Ave.: San Jose, California: 95117, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "BATTERY STATE DETECTION BY USE OF VOLTAGE IN SHARED POWER SYSTEM BACKGROUND" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Petent Application was filed with the U.S. Patent and Trademark Office on, Application Number, and		
WHEREAS (If the left box is checked), the Patent Application names the following inventors:  Shane R. Nay (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here In brackets (Application No. 13/798, 415filed on 3-13-13 ) the application number and filing date of the application when known), and		
WHEREAS, <u>Google Inc.</u> , incorporeted or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway: Mountain View. Celifornia 94043</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, Illie and interest in same;		
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, relastic, re-examination or other application cialming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as eny other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the effending provision.		
I further agree to assign, and hereby do assign, to assignee my entire right, title and interest in and to Provisional Application No. 61/713,866, filed October 15, 2012, such provisional application being considered an Assigned Application		
for all purposes herein.  3/11/26/13  (Date)	2h (04	
(Date)	(Signature)	
,		
	•	

LDLKM

PATENT REEL: 030103 FRAME: 0057