Form PTQ-1595 (Rev. 03-11) OMB No. 0551-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORL ATION FO	RM CO /ER SHEET
FATENT	TS ONLY
To the Director of the U.S. Patent and Trademai (Office: Plea	se record the attached documents or the new address(es) below.
Name of conveying party(les):	2. Na ne and address of receiving party(les)
Martin Philip Riddiford (09/25/2013), Kenneth Ryan Loo (09/25/2013), and Rachael Elizabeth	Name: Google Inc.
Roberts (09/25/2013)	Internal Address:
Additional name(s) of conveying purty(ies) attached? Yes X No	Stree Address;
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after invento name	_ 160) Amphitheatre Parkway
X Assignment Merger Change of Name	
Security Agreement Joint Research A preement	City: Mountain View
Government Interest Assignment	State California
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 94043
Other '	Additi and name(s) & address(es) Yes X No
	attacl ed?
4. Application or patent number(s):	This dodument is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
h4/039,358	
	1
Additional nul ibers attache	d7 Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Totil number of applications and patints involved:
Name: Michael T. Hages	
LERNER, DAVID, LITTENBERG,	40.00
KRUMHOLZ & MENTLIF, LLP	7. Tot il fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: Google 3.0F-11; 7 Street Address: 600 South Avenue West	
ood oddar, worldd yrgal	X . Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting title)
City: Westfield	8. Pay ment information
State: NJ Zip: 07090	
Phone Number: 908-654-5000	
Fax Number: 908-654-7866	Deplisit Account Number 12-1095
Email Address: mcormier@ldlkm com	A thorized User Name Michael T. Hages
9. Signature:	
	October 2, 2013
Signatur	Date Total number of pages including cover
Michael T. Hages - £ 7,110 Name of Person Signi ig	<u> </u>
Tames an areas engin g	sheet, attachments, and documents:
	201/
Dated: October 2, 2013 Signature:	(Michael T. Hages)
	<u> </u>

PATENT REEL: 031360 FRAME: 0519

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DLKM →	USPTO	ASSIGNMENT	☑ 003/005
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ASSIGNMENT OF PATENT A	PLICATION	Docket Number (Optional) GOOGLE 3.0F-1127
WHEREAS, I, <u>Martin Phillip Riddiford</u> or invented by discovered inventions or discoveries. "COUPLING ELEMENT FOR HINGED ELECTR	the subject matter of while	DN: SE21 7DF UK: UNITED KINGDOM, have
	he Palent Application wa ion Number	: filed with the U.S. Patent and
X WHEREAS (If the left box is checked), Martin Philip Riddiford, Kenneth Rvan Loo, and Re Littenberg, Krumholz & Mentilk, LLP, to insert in the 9/22/13 the application number and	chael Elizabeth Roberts (and whereas I hereby authorize Lerner, David,
WHEREAS, <u>Google Inc.</u> , incorporated a <u>Amphitheatre Parkway; Mountain View. California acquired and is desirous of memorializing its acq</u>	94043 (bereafter the "#	aware and having a place of business at 1600 isignee") is destrous of acquiring, or has antire right, title and interest in same;
NOW, THEREFORE, for good and value as follows. I agree to assign, and hereby do assigned Applications in the United States of Am Patent Application, including any and all invention continuation, continuation-in-part, substitute, reise Patent Application pursuant to any law or treaty, do assign, to assignee the right to claim such price obligation to convey, my rights in the Assigned Applications and to record assignee's of further remuneration, to execute and deliver document as testimony, as may be reasonably require affix its alignature to this document as well as any herein is unenforceable, the requirements of the offending portions thereof shall be deemed replace purpose of the offending provision.	in, to the assignee my entrice and all other countries, discoveries and other to the re-training my and entry patent lesuing my inty or benefit. I have not plications to a third party lency in the world, to leau wherehip thereof. At assign to evidence or protect a ghts set forth herein in lit other indicts of its accept rovision shall remain to ti	is, where "Assigned Applications" meens the ubject matter described therein, any divisional. It application claiming priority or benefit to the nithe foregoing. I agree to assign, and hereby previously conveyed, nor am I aware of an I hereby authorize the U.S. Patient and to assignee all patents resulting from the pinee's reasonable request I agree, without the's expense and to provide other cooperation, signee's rights in the Assigned Applications, sole discretion. I agree that the assignee may inco of the provisione hereof. If any provision is full extent permissible by law and the
Sep 25, 2013	Martin Isduldord	Ulifu)
(Date)	Marrin Buddard	S=0 25 2013) (Signature)
,		

EchoSign Transaction Number: X179958NSX723

REEL: 031360 FRAME: 0520

Document Integrity Verified =

Docket Number (Optional) ASSIGNMENT OF PATENT A PLICATION GOOGLE 3.0F-1127 |WHEREAS, I, Kenneth Ryan Loo of 16 10 Amphitheatre Parkwar | Mountain View California 94043, have invented by discovered inventions or discoveries the subject matter of while his described in the patent application entitled "COUPLING ELEMENT FOR HINGED ELECTR >NIC DEVICE" (hereafter "Palent Application"), |WHEREAS (if the left box is checked), he Patent Application wall filed with the U.S. Patent and Trademark Office on _ ___, Applics Ion Number_ WHEREAS (if the left box is checked), he Patent Application nal less the following inventors: Martin Philip Riddiford, Kenneth Ryan Loo, and Ri chael Elizabeth Roberts. I and whereas I hereby authorize Lemer, David, Littenberg, Krumholz & Mentilk, LLP, to Insert in that in brackets [Applicated I No. __14/039,358, filed on 9/27/13] the application number and filing date of the applicated I when known), and WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway; Mountain View, California 94043</u> (hereafter, the "4 saignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquiring further herein, the antire right, title and interest in same; NOW, THEREFORE, for good and valuable consideration the religipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assi in, to the assignee my of lire 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 inventiors, discoveries and other bublect matter described therein, any divisional, continuation, continuation-in-part, substitute, rele us, re-examination or off or application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing froin the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such privity or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned A. plications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental a lency in the world, to lead a to assignee all patents resulting from the Assigned Applications and to record assigned's civriership thereof. At assigned a reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assign se's expense and to provide other cooperation, such as testimony, as may be reasonably require I to evidence or protect a isignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its a ghts set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicis of its accept inco 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 offending provision. Sep 25, 2013 (Date)

PATENT

REEL: 031360 FRAME: 0521

ASSIGNMENT OF PATENT A	PLICATION	Docket Number (Optional) GOOGLE 3,0F-1127
WHEREAS, I, Rechael Elizabeth Robe invented or discovered inventions or discoveries "COUPLING ELEMENT FOR HINGED ELECTR	the subject matter of whi	larkway, Mountain View, California 94043, have to is described in the patent application entitled "Patent Application").
WHEREAS (if the left box is checked), Trademark Office on, Applica	he Palent Apolication wa	i filed with the U.S. Patent and
X WHEREAS (if the left box is checked), Martin Philip Riddiford, Kenneth Ryan Loo, and R; Littenberg, Krumholz & Mendik, LLP, to Insert in h 9/27/13) the application number and	chael Elizabeth Roberts	and whereas I hereby authorize Lemer, David,
WHEREAS, <u>Google Inc.</u> , incorporated a <u>Amphitheatre Parkway; Mountain View, California acquired and is desirous of memorializing its acq</u>	94043 (bereafter the "a	aware and having a place of business at 1600 saignee") is dealrous of acquiring, or has entire right, title and interest in same;
NOW, THEREFORE, for good and valuas follows. I agree to assign, and hereby do assign and hereby do assigned Applications in the United States of Am Patent Application, including any and all invention continuation, continuation-lin-part, substitute, reis Palent Application pursuant to any law or treaty, do assign, to assignee the right to claim such pricobligation to convey, my rights in the Assigned A. Trademark Office, and any other governmental a Assigned Applications and to record assignee's cluther remuneration, to execute and deliver doct such as testimony, as may be reasonably require Assignee may assign or transfer all or part of its in affix its signature to this document as well as any herein is unenforceable, the requirements of the offending portions thereof shall be deemed replan purpose of the offending provision.	in, to the assignee my entrice and all other countries, discoveries and other u.e., re-examination or offind any patent issuing from the countries of the count	is, where "Assigned Applications" means the object matter described therein, any divisional, as application claiming priority or benefit to the in the foregoing. I agree to assign, and hereby previously conveyed, nor am I aware of an I hereby authorize the U.S. Patent and is to assigned all patents resulting from the pineo's reasonable request I agree, without as's expense and to provide other cooperation, issignee's rights in the Assigned Applications, sole discretion. I agree that the assignee may ince of the provisions hereof. If any provision is full extent combissible by law and the
Sep 25, 2013	Recol Reshoel Robe	10. (9-ep. 25. 2013)
(Date)		(Signature)

RECORDED: 10/02/2013

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