## PATENT ASSIGNMENT

# Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYP	E:	NEW ASSIGN	NEW ASSIGNMENT		
NATURE OF CON	/EYANCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	ΓΥ DATA				
		Name		Execution Date	]
Ross Koningstein				12/03/2012	
Paul Heninwolf					
James Charles Sch	hmalzried			12/03/2012	
Girts Folkmanis				12/04/2012	
Michael Sleator				12/04/2012	j
RECEIVING PART	Y DATA				
Name:	Google Inc.	oogle Inc.			
Street Address:	1600 Amphith	1600 Amphitheatre Parkway			
City:	Mountain Vie				
State/Country:					
Postal Code:	94043	94043			
PROPERTY NUMBERS Total: 1 Property Type Number		]			
Application Number					
CORRESPONDEN Fax Number: <i>Correspondence w</i>	202787	5520 Mail when the fax atter	npt is unsuccessful.		
Phone:	(202) 78				
Email:	pto@morriskamlay.com				
Correspondent Nar Address Line 1:		e: Morris & Kamlay LLP 1150 18th St NW			
Address Line 1:		Suite 575			
Address Line 4:		iton, DISTRICT OF CC	LUMBIA 20036		
ATTORNEY DOCKET NUMBER: 030120-027910US					
NAME OF SUBMITTER:		Laura R. Drem	ibus		
		][		PATENT	
502179893 BEEL: 029555 FRAME: 0181					

Total Attachments: 7 source=030120-027910US\_Assignment#page1.tif source=030120-027910US\_Assignment#page2.tif source=030120-027910US\_Assignment#page3.tif source=030120-027910US\_Assignment#page5.tif source=030120-027910US\_Assignment#page6.tif source=030120-027910US\_Assignment#page7.tif

WHEREAS, Ross Koningstein, residing at 130 Selby Lane, Atherton, CA 94027, Paul Heninwolf, residing at 2696 Eaton Avenue, San Carlos, CA 94070, James Charles Schmalzried, residing at 4192 Monet Cir, San Jose, CA 95136, Girts Folkmanis, residing at 1480 Fulton SL, Apt 3, San Francisco, CA 94117, and Michael Sleator, residing at 175 Redland Rd, Woodside, CA 94062, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	Device Commissioning		
Filing Date:	December 13, 2012		
Application No.: 13/	713,077 ; and		

WHEREAS, Google Inc., a corporation located 1600 Amphitheatre Parkway, Mountain View, CA 94043, hereinafter referred to as "Assignce," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Morris & Kamlay LLP, 1150 18<sup>th</sup> St NW, Suite 575, Washington, DC 20036, to insert herein above the application mumber and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed on the date indicated.

	- 2	38N.	Q and an	
Dated:	>	Dec	2002	

**Ross Koningstein** 

Dated:

Paul Heninwolf

Assignment Attorney Docket No.: 030120-027910US Page 2

Dated: 3-DEC-2012

\*\*\* a contair Illan .....

.....

James Charles Schmalzried

Dated:

**Girts Folkmanis** 

Dated:

**Michael Sleator** 

WHEREAS, Ross Koningstein, residing at 130 Selby Lane, Atherton, CA 94027, Paul Heninwolf, residing at 2696 Eaton Avenue, San Carlos, CA 94070, James Charles Schmatzried, residing at 4192 Monet Cir, San Jose, CA 95136, Girts Folkmanis, residing at 1480 Fulton St., Apt 3, San Francisco, CA 94117, and Michael Sleator, residing at 175 Redland Rd, Woodside, CA 94062, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention;	Device Commissio	Device Commissioning		
Filing Date:	December 13,	2012		
Application No.: 13/	713,077 ; and			

WHEREAS, Google Inc., a corporation located 1600 Amphitheatre Parkway, Mountain View, CA 94043, hereinafter referred to as "Assignce," is desirons of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest fitte thereto in Assignee, or Assignce's successors and assigns.

Assignors hereby authorize and request Morris & Kamlay LLP, 1150 18<sup>th</sup> St NW, Suite 575, Washington, DC 20036, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed on the date indicated.

Dafed:

Dated: 2/2/2012

**Ross Koningstein** 11\_\_\_\_

\*\*\*\*

**Paul Heninwolf** 

WHEREAS, Ross Koningstein, residing at 130 Selby Lane, Atherton, CA 94027, Paul Heninwolf, residing at 2696 Eaton Avenue, San Carlos, CA 94070, James Charles Schmalzried, residing at 4192 Monet Cir, San Jose, CA 95136, Girts Folkmanis, residing at 1480 Fulton St., Apt 3, San Francisco, CA 94117, and Michael Sleator, residing at 175 Redland Rd, Woodside, CA 94062, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	<b>Device</b> Commissioning		
Filing Date:	December 13, 2012		
Application No.: 13	/713,077; and		

WHEREAS, Google Inc., a corporation located 1600 Amphitheatre Parkway, Mountain View, CA 94043, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignors, but at Assignce's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Morris & Kamlay LLP, 1150 18<sup>th</sup> St NW, Suite 575, Washington, DC 20036, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed on the date indicated.

Dated:

**Ross Koningstein** 

Dated:

Paul Heninwolf

Assignment Attorney Docket No.: 030120-027910US Page 2

Dated:

**James Charles Schmalzried** 

Dated: 2012-12-04

<u>Glimm</u>

A.....

------

Girts Folkmanis

Dated:

Michael Sleator

Page 2 of 2

WHEREAS, Ross Koningstein, residing at 130 Selby Lane, Atherton, CA 94027, Paul Heninwolf, residing at 2696 Eaton Avenue, San Carlos, CA 94070, James Charles Schmalzried, residing at 4192 Monet Cir, San Jose, CA 95136, Girts Folkmanis, residing at 1480 Fulton St., Apt 3, San Francisco, CA 94117, and Michael Sleator, residing at 175 Redland Rd, Woodside, CA 94062, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	Device Comm	Device Commissioning			
Filing Date:	December	13,	2012		
Application No.:	13/713,077; and	i			

WHEREAS, Google Inc., a corporation located 1600 Amphitheatre Parkway, Mountain View, CA 94043, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignors, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Morris & Kamlay LLP, 1150 18<sup>th</sup> St NW, Suite 575, Washington, DC 20036, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed on the date indicated.

Dated:

**Ross Koningstein** 

Dated:

**Paul Heninwolf** 

Assignment Attorney Docket No.: 030120-027910US Page 2

Dated:

### James Charles Schmalzried

,

Dated:

Dated: DEC 4, 2012

**Girts Folkmanis** 

Mi

.....

**Michael Sleator** 

RECORDED: 12/31/2012