

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Pierre-Yves Droz</td> <td>03/07/2013</td> </tr> <tr> <td>Gaetan Pennecot</td> <td>03/12/2013</td> </tr> <tr> <td>Daniel Gruver</td> <td>03/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Pierre-Yves Droz	03/07/2013	Gaetan Pennecot	03/12/2013	Daniel Gruver	03/12/2013
Name	Execution Date								
Pierre-Yves Droz	03/07/2013								
Gaetan Pennecot	03/12/2013								
Daniel Gruver	03/12/2013								
RECEIVING PARTY DATA									
Name:	Google Inc.								
Street Address:	1600 Amphitheatre Parkway								
City:	Mountain View								
State/Country:	CALIFORNIA								
Postal Code:	94043								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13802593</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13802593				
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Application Number:	13802593								
CORRESPONDENCE DATA									
Fax Number:	3129130002								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	3129130001								
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ATTORNEY DOCKET NUMBER:	12-1117								
NAME OF SUBMITTER:	Christopher D. Butts								
Total Attachments: 2 source=12-1117_Assignment#page1.tif source=12-1117_Assignment#page2.tif									

CH \$40.00 13802593

**ASSIGNMENT**

Case No.: 12-1117

Serial No.:

Inventors: Pierre-yves Droz, Gaetan Pennecot and Daniel Gruver

Date of Execution  
of Application:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**Google Inc.**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**METHODS, DEVICES, AND SYSTEMS FOR  
IMPROVING DYNAMIC RANGE OF SIGNAL RECEIVER**

and identified as:

**Case No. 12-1117**

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.


The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.


For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries


MCDONNELL BOEHNEN  
HULBERT & BERGHOFF LLP  
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CHICAGO, ILLINOIS 60606  
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on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Signature:   
Name: Pierre-yves Droz Date: Mar 7, 2013

Signature:   
Name: Gaetan Pennecot Date: Mar 12, 2013

Signature:   
Name: Daniel Gruver Date: Mar 12, 2013