

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Zhengrong Ji</td> <td>09/09/2009</td> </tr> <tr> <td>Junlan Zhou</td> <td>09/09/2009</td> </tr> <tr> <td>Tsuwei Chen</td> <td>09/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Zhengrong Ji	09/09/2009	Junlan Zhou	09/09/2009	Tsuwei Chen	09/09/2009
Name	Execution Date								
Zhengrong Ji	09/09/2009								
Junlan Zhou	09/09/2009								
Tsuwei Chen	09/09/2009								
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>12556701</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12556701				
Property Type	Number								
Application Number:	12556701								
CORRESPONDENCE DATA									
Fax Number:	(720)836-3145								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	303-459-4527								
Email:	mollborn@mollborn.com								
Correspondent Name:	Mollborn Patents, Inc.								
Address Line 1:	2840 Colby Drive								
Address Line 4:	Boulder, COLORADO 80305								
ATTORNEY DOCKET NUMBER:	GOOGLP015/GP-2215-00-US								
NAME OF SUBMITTER:	Fredrik Mollborn								
Total Attachments: 2 source=Assignment_Signed#page1.tif source=Assignment_Signed#page2.tif									

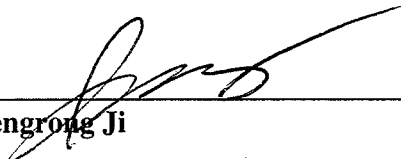
OP \$40.00 12556701

ASSIGNMENT

For valuable consideration, we, **Zhengrong Ji** of 1035 Aster Avenue, #2190, Sunnyvale, CA 94086, **Junlan Zhou** of 1035 Aster Avenue, #2190, Sunnyvale, CA 94086, and **Tsuwei Chen** of 10072 Scenic Blvd., Cupertino, CA 95014, hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **Network Based Directory Service for Terrestrial Broadcasts**, and we authorize and request the attorney(s) appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

(Inventor Signatures on Next Page)

1.) Inventor's signature:



Zhengrong Ji

Witnessed by:



Signature

Date: 09/09/09


Marc Stogaitis

Typed or Printed Name

250 Baldwin, San Mateo, CA

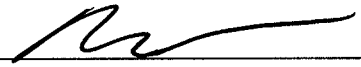
Witness Address

2.) Inventor's signature:



Junlan Zhou

Witnessed by:



Signature

Date: 09/09/09

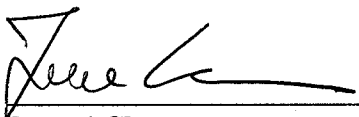
Min Zhu

Typed or Printed Name

3510 Murdock Dr. Palo Alto. CA 94306


Witness Address

3.) Inventor's signature:



Tsuwei Chen

Witnessed by:



Signature

Date: 09/09/09

Marc Stogaitis

Typed or Printed Name

250 Baldwin, San Mateo, CA

Witness Address