

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ming Zhao</td> <td>01/30/2009</td> </tr> <tr> <td>Jay Yagnik</td> <td>02/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ming Zhao	01/30/2009	Jay Yagnik	02/02/2009
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Ming Zhao	01/30/2009						
Jay Yagnik	02/02/2009						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Google Inc.						
<b>Street Address:</b>	1600 Amphitheatre Parkway						
<b>Internal Address:</b>	Building 41						
<b>City:</b>	Mountain View						
<b>State/Country:</b>	CALIFORNIA						
<b>Postal Code:</b>	94043						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12364390</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12364390		
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Application Number:	12364390						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(650)938-5200						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	6503357633						
<b>Email:</b>	cking@fenwick.com						
<b>Correspondent Name:</b>	Christopher-Charles P. King						
<b>Address Line 1:</b>	Fenwick & West LLP						
<b>Address Line 2:</b>	801 California Street						
<b>Address Line 4:</b>	Mountain View, CALIFORNIA 94041						
<b>ATTORNEY DOCKET NUMBER:</b>	24207-14476						
<b>NAME OF SUBMITTER:</b>	Christopher-Charles P. King						

Total Attachments: 2  
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**500771150**

**PATENT  
 REEL: 022199 FRAME: 0821**

**CH \$40.00 12364390**



## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Google Inc.**, a Delaware corporation, having a place of business at **1600 Amphitheatre Parkway, Building 41, Mountain View, CA 94043**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **AUTOMATIC LARGE SCALE VIDEO OBJECT RECOGNITION** ("APPLICATION"), which:

is to be filed herewith.

was filed on February 2, 2009, and now bears U.S. application serial number 12/364,390.

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Title: Automatic Large Scale Video Object Recognition  
Filed: Even date herewith  
Application No.:

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This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature \_\_\_\_\_

zhao ming  
Ming Zhao

Date of Signature \_\_\_\_\_

01-30, 2009

Name and Signature \_\_\_\_\_

yagnik  
Jay Yagnik

Date of Signature \_\_\_\_\_

2-2-, 2009