

PATENT ASSIGNMENT COVER SHEET

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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>SANKETH SHETTY</td> <td>01/08/2014</td> </tr> <tr> <td>ANDREJ KARPATHY</td> <td>02/26/2014</td> </tr> <tr> <td>GEORGE DAN TODERICI</td> <td>01/08/2014</td> </tr> </tbody> </table>		Name	Execution Date	SANKETH SHETTY	01/08/2014	ANDREJ KARPATHY	02/26/2014	GEORGE DAN TODERICI	01/08/2014
Name	Execution Date								
SANKETH SHETTY	01/08/2014								
ANDREJ KARPATHY	02/26/2014								
GEORGE DAN TODERICI	01/08/2014								
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>14161146</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14161146				
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Application Number:	14161146								
CORRESPONDENCE DATA									
Fax Number:	(973)597-2400								
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Email:	jzhong@lowenstein.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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Address Line 2:	LOWENSTEIN SANDLER LLP								
Address Line 4:	ROSELAND, NEW JERSEY 07068								
ATTORNEY DOCKET NUMBER:	25832.390 (L389)								
NAME OF SUBMITTER:	JIALIN ZHONG								
Signature:	/Jialin Zhong/								

Date:

02/27/2014

Total Attachments: 4

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 25832.390 (L0389)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sanketh Shetty, Andrei Karpathy, and George Dan Toderici, hereby sell, assign, and transfer to Google Inc.

a corporation of Delaware
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

VIDEO ANNOTATION USING DEEP NETWORK ARCHITECTURES

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 14/161,146 filed January 22, 2014

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;


agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Jan 8, 2014

Date



Sanketh Shetty Jan 8, 2014
Sanketh Shetty

Date

Andrej Karpathy

Jan 8, 2014

Date


George Dan Toderici Jan 8, 2014
George Dan Toderici

Assignment Document Return Address:
Patent Docket Administrator
Lowenstein Sandler LLP
65 Livingston Avenue
Roseland, New Jersey 07068

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agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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_____ Date	_____ Sanketh Shetty
<u>02/26/2014</u> Date	_____  Andrej Karpathy
_____ Date	_____ George Dan Toderici

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