

PATENT ASSIGNMENT

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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>Georges Harik</td> <td>02/12/2004</td> </tr> <tr> <td>Noam M. Shazeer</td> <td>02/12/2004</td> </tr> </tbody> </table>		Name	Execution Date	Georges Harik	02/12/2004	Noam M. Shazeer	02/12/2004
Name	Execution Date						
Georges Harik	02/12/2004						
Noam M. Shazeer	02/12/2004						
RECEIVING PARTY DATA							
Name:	Google, Inc.						
Street Address:	1600 Amphitheatre Parkway						
City:	Mountain View						
State/Country:	CALIFORNIA						
Postal Code:	94043						
PROPERTY NUMBERS Total: 2							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11796383</td> </tr> <tr> <td>Application Number:</td> <td>13237861</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11796383	Application Number:	13237861
Property Type	Number						
Application Number:	11796383						
Application Number:	13237861						
CORRESPONDENCE DATA							
Fax Number:	8777697945						
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ATTORNEY DOCKET NUMBER:	16113-4613002 & -4613003						
NAME OF SUBMITTER:	Katie Burwell						
Total Attachments: 2 source=16113-4613xxx Assignment#page1.tif source=16113-4613xxx Assignment#page2.tif							

CH \$80.00 11796383

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Georges Harik
Noam M. Shazeer

2400 W. El Camino Real #1116, Mountain View, CA 94040
796 Escondido Rd. Apt. 8A, Stanford, CA 94305

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

METHOD AND APPARATUS FOR LEARNING A PROBABILISTIC GENERATIVE MODEL FOR TEXT

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

X On the 12 day of February, 2004 ;

Or

 Said application having Application Number and filed on February 26, 2004; and

WHEREAS, Google, Inc., a corporation of the State of Delaware, having a place of business at 2400 Bayshore Parkway, Mountain View, CA 94043, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

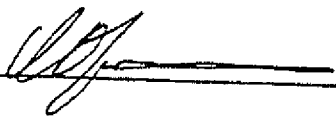
2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by

Inventor(s) in providing such cooperation shall be paid for by said Assignee.


3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.



Georges Harik
Date 2/12/04



Noam M. Shazeer
Date 2/12/04

Date

Date

Date