

9/21/05

09-28-2005

ASSIGNMENT REC
-PA



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112948 U.S. PTO
11/232476



To: Honorable Commissioner of Patents and Trade.

Please record the attached original document(s) or copy thereof.

1. Name of conveying parties:

- a) **Shaolei Feng**
- b) **Raghavan Manmatha**

2. Name and address of receiving parties:

- a) **Name: Google Inc.**
- b) **Address: 1600 Amphitheatre Parkway, Mountain View, CA 94043**

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: September 21, 2005

4. Application Number or Patent Number: Not yet assigned

The title of the (new) application is:

**HIERARCHICAL ALIGNMENT OF CHARACTER SEQUENCES
REPRESENTING TEXT OF SAME SOURCE**

5. Please send all correspondence concerning this (these) documents to:

Customer No. 23689
Jung-hua Kuo
Attorney at Law
P.O. Box 3275
Los Altos, CA 94024
Telephone: (650) 988-8070
Facsimile: (650) 988-8090

- 6. (a) Total number of applications and patents involved: One (1)
- (b) Total number of pages in attached conveyance document(s): One (1)

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed is a Credit Card Payment Form PTO-2038 authorizing a charge of \$40.00 assignment recordation fee.
- Please charge \$40.00 assignment recordation fee to Deposit Account No. ___ (Order No. ___).
- Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-1217 (Order No. GOOGP046).

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: September 21, 2005

Jung-hua Kuo
Reg. No. 41,918

09/26/2005 FME TEKI1 00000030 11232476

01 FC:1011 300.00 OP
02 FC:1111 500.00 OP
03 FC:1311 200.00 OP
04 FC:1202 650.00 OP

09/26/2005 FME TEKI1 00000030 11232476

05 FC:8021

40.00 OP

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

HIERARCHICAL ALIGNMENT OF CHARACTER SEQUENCES REPRESENTING TEXT OF SAME SOURCE

(Atty. Docket No.: **GOOGP046**) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Google Inc., a DELAWARE corporation having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1)	Signature: <u>Shaolci Feng</u>	Date: <u>9/21/05</u>
	Typed Name: Shaolci Feng	
2)	Signature: <u>Raghavan Manmatha</u>	Date: <u>9/21/05</u>
	Typed Name: Raghavan Manmatha	