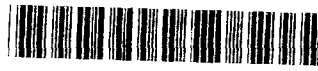


12-20-2004



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Attorney's Docket No. 0026-0031

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):
 Sanjay Ghemawat; Howard Gobioff; Shun-Tak Leung
 Additional name(s) of conveying party(ies) attached?
 Yes No

12-15-04

2. Name and address of receiving party(ies):
 Name: Google Technology Inc.
 Address: 1600 Amphitheatre Parkway
 Building 41
 Mountain View, California 94043
 Additional name(s) & address(es) attached?
 Yes
 No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
 Execution Date: June 27, 2003

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is:
 A. Patent Application No.(s)
 10/608,037
 B. Patent No.(s)
 Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1
 7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorization to be charged to deposit account, if necessary.

5. Name and address of party to whom correspondence should be mailed:
 Name: Paul A. Harrity
 Address: HARRITY & SNYDER, L.L.P.
 11240 Waples Mill Road
 Suite 300
 Fairfax, Virginia 22030
 CUSTOMER NUMBER: 44989

8. Deposit account number:
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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
 Paul A. Harrity Reg. No. 39,574
 Name of Person Signing Signature
 December 15, 2004
 Date
 Total number of pages including cover sheet, attachments, and document: 3

Paul A. Harrity
Signature

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**ASSIGNMENT
(Joint)
Worldwide Rights**

THIS ASSIGNMENT, by Sanjay Ghemawat, Howard Gobiuff and Shun-Tak Leung residing at 111 N. Rengstorff Ave., #164, Mountain View, California 94043; 2221 26th Street, #102, San Francisco, California 94017 and 1285 Montecito Avenue, Mountain View, California 94043 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR MAINTAINING DATA IN A FILE SYSTEM set forth in an application for Letters Patent of the United States,

- (1) which is a provisional application
(a) filed herewith; or
(b) bearing Application No., and filed on; or
- (2) which is a non-provisional application
(a) having an oath or declaration executed on even date herewith prior to filing of application;
(b) bearing Application No. 10/608,037, and filed on 6/30/03; or
(c) filed herewith; and

WHEREAS, Google Technology Inc., a corporation duly organized under and pursuant to the laws of California (or, following an anticipated reincorporation of the company, Google Inc., a corporation of the State of Delaware) and having its principal place of business at 2400 Bayshore Parkway, Mountain View, California 94043 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, provisional applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the

counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Harranty & Snyder, L.L.P. of Fairfax, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Sanjay Ghemawat
Sanjay Ghemawat

Date: 6/27/03

Howard Gobioff
Howard Gobioff

Date: 6/27/03

Shun-Tak Leung
Shun-Tak Leung

Date: 6/27/03

Karen Robertson
Witness Name

Karen Robertson
Witness Signature

Karen Robertson
Witness Name

Karen Robertson
Witness Signature

Karen Robertson
Witness Name

Karen Robertson
Witness Signature