

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Vikash Singh	07/08/2008
RECEIVING PARTY DATA	
Name:	Yahoo! Inc.
Street Address:	701 First Avenue
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94089
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12169931
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	074175.0182
NAME OF SUBMITTER:	Glenda J. Orrantia
Total Attachments: 2 source=Yahoo Assignment 0182#page1.tif source=Yahoo Assignment 0182#page2.tif	

CH \$40.00 12169931

ASSIGNMENT OF PATENT APPLICATION BY INVENTOR

Whereas I, an undersigned inventor (hereinafter "INVENTOR"), have invented certain new and useful improvements as set forth in the patent application entitled:

OPERATIONS ON MULTI-LEVEL NESTED DATA STRUCTURE

☐ for which I have executed a U.S. patent application on even date herewith.

☒ which bears U.S. application serial No. 12/169,931, filed on July 9, 2008.

☐ for which I have executed a patent application in the country of _____ on even date herewith.

☐ which I have executed a U.S. provisional application on even date herewith.

☐ which is a U.S. provisional application which bears U.S. application serial No. _____, filed _____.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

(a) Sell, assign and transfer to Yahoo! Inc., a Delaware corporation having a place of business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties), and;(2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.

(b) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

(c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative

Assignment of OPERATIONS ON MULTI-LEVEL NESTED DATA STRUCTURE
by Vikash Singh to Yahoo! Inc.

074175.0182/Y04823US01

applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

(d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.

(e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.

(f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.

(g) Authorize and request my attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

IN TESTIMONY WHEREOF, Vikash Singh have executed this document on the date indicated below.

[Signature]
Signature of Inventor

7/8/2008
Date

San Jose, California

Inventor's City, State of residence

Witnessed by:

(1)

[Signature]
Signature of Witness

7.8.8
Date

DASHARATH GOPINATH
Print Witness Name

SAN FRANCISCO, CA
Witness' City, State of residence

(2)

[Signature]
Signature of Witness

7/8/08
Date

Krysta Guntrum
Print Witness Name

Burlingame, CA
Witness' City, State of residence