PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Amit Kumar Verma | 06/25/2010 |
| Viswanathan Ramaiyer | 06/25/2010 |
| Hastagiri Prakash | 06/25/2010 |

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: | 12843762 |

CORRESPONDENCE DATA

Fax Number: (408)881-0145

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: sarah@S2LAW.COM

Correspondent Name: John Stattler

Address Line 1: 60 South Market Street

Address Line 2: Suite 480

Address Line 4: San Jose, CALIFORNIA 95113

| ATTORNEY DOCKET NUMBER: | YHOO.P0185 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | John Stattler #36,285 |

Total Attachments: 6

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> PATENT REEL: 024842 FRAME: 0797

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| Reel# Frame # Frame | | |
| Attorney Docket No. YHOO.P0185 | | |
| Conveying Party (ies) | names of conveying parties attached | Execution Date MMDDYYYY |
| Name (1 st party) Amit Kumar Verma | | 06/25/2010 |
| Name (2 nd party) Viswanathan Ramaiyer | | 06/25/2010 |
| Name (3 rd party) Hastagiri Prakash | | 06/25/2010 |
| Name (4 th party) | | |
| Receiving Party Mark if additional | ıl names of receiving parties attached | |
| Name Yahoo! Inc. | | ☐ If document to be recorded is |
| Name A Delaware Corporation | | an assignment and the receiving party is not domiciled in the U.S., |
| Address 701 First Avenue | | an appointment of a domestic |
| Address | | representative is attached. (Designation must be a separate |
| Address Sunnyvale CA | 94089 | document from Assignment) |
| City State/Count | | |
| | ceiving party is not domiciled in the United | d States) |
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| Form PTO-1619B (Modified) | CORDATION FORM COVER SHEET Page 2 | U.S. Department of Commerce Patent and Trademark Office |
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| (mounts) | r aye 2 | PATENT |
| Correspondent Name and Add | ress | |
| Name: John Stattler | | |
| Address: Stattler Suh P 60 South Mark | | |
| San Jose, Calif | fornia 95113 | |
| Telephone Number: (408) 881-0140 Fax Number: (408) 881-0145 | | |
| Pages Enter the total number document including a | er of pages of the attached conveyance any attachments. | 6 |
| Application Number(s) or Pater Enter either the Patent Application Num Patent Application Num | nber or the Patent Number (DO NOT ENTER BOTH numb | |
| 12/843,762 | Del(3) | int Number(5) |
| 12/073,702 | | |
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| If this document is being filed together with a Application was signed by the first named exe | new Patent Application, enter the date the patent ecuting inventor. MMDDYYYY | * |
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| Enter PCT application number(s) only if a U.S. | | |
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| Of-foreset and Clarature | Authorization to charge additional | l fees: Yes 区 No □ |
| Statement and Signature | | |
| 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. Charges to deposit account are authorized, as indicated herein. | | |
| John Stattler | /John Stattler/ #36,285 | August 16, 2010 |
| Name of Person Signing | Signature | Date |

PATENT REEL: 024842 FRAME: 0799

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:

DEDUCING SHADOW USER PROFILES FOR AD CAMPAIGNS

| ☑ for which I have executed a U.S. patent application on even date herewith. |
|---|
| ☐ which bears U.S. application serial No., filed. |
| ☐ 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, reexamination 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 applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

Page 1 of 4

| | Warrant and covenant that no other assignment, license, contract, understanding, interest her grant to any third party with respect to any of the foregoing has been made, or shall in uture be made, by or on behalf of INVENTOR. |
|--------------|--|
| (e) or pa | Covenant not to challenge the validity or enforceability of any of the patent applications assigned to ASSIGNEE hereunder. |
| (f) | Agree that the terms, covenants and conditions of this assignment shall inure to the |

(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

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

| assignment. | |
|-------------------------------------|--|
| IN TESTIMONY WHEREOF, I Amit Kumar | |
| date indicated below. | _ |
| Smit Kumar Verma | June 25, 2010 |
| Signature of Inventor | Date |
| | |
| Bangalore, India | |
| Inventor's City, State of residence | |
| | |
| Witnessed by: (1) SFY Mutt | JUNE 25, 2010 |
| Signature of Witness | Date |
| Signature of withess | |
| SATYADEEP S MUSUVATHY | BANGALORE, KARNATAKA, INDIA |
| Print Witness Name | Witness' City, State of residence |
| (2) Browneth Chehrands | JUNE 25, 2010 |
| Signature of Witness | Date |
| BISWANATH CHAKRAVORTY | BANGALORE, KARNARAKA, INDIA Witness' City, State of residence |
| Print Witness Name | TI INITION CITY, DAME OF LOCALITY |

Assignment of DEDUCING SHADOW USER PROFILES FOR AD CAMPAIGNS by Amit Kumar Verma, et al. to Yahoo! Inc. $YHOO.P0185 \ / \ Y06424US00$

| the date indicated below. | nave executed this document on |
|---|-----------------------------------|
| R. Viswounath | JUNE 25, 2010 |
| Signature of Inventor | Date |
| Bangalore, India | |
| Inventor's City, State of residence | |
| Witnessed by: (1) Styly S. Multi- | JUNE 25, 2010 |
| Signature of Witness | Date |
| SATYADEER S. MUSUVATHY | BANGAZORE, KARNATAKA, INDIA- |
| Print Witness Name | Witness' City, State of residence |
| (2) Beswort Chahavery | JUNE 25, 2010 |
| Signature of Witness | Date |
| BISWANDATH CHARRAVORTY Print Witness Name | Witness' City State of residence |

Assignment of DEDUCING SHADOW USER PROFILES FOR AD CAMPAIGNS by Amit Kumar Verma, et al. to Yahoo! Inc. YHOO.P0185 / Y06424US00

| IN TESTIMONY WHEREOF, I Hastagiri Pi | akash have executed this document on the |
|--|--|
| date indicated below. | |
| | JUNE 25, 2010 |
| Signature of Inventor | Date |
| Bangalore, India Inventor's City, State of residence | |
| Witnessed by: (1) SHM 1. Muly. | JUNE 25, 2010 |
| Signature of Witness | Date |
| SATYADEEP S. MUSOVATHY | BANGALORE, KARNATARA, , NOIA |
| Print Witness Name | Witness' City, State of residence |
| (2) Brownath Chahravols Signature of Witness | 50NE 25/2010 Date |
| | _ |
| BISWANATH CHAKRAUORTY | BAMBALORE, KORNATAKO, INDIA |
| Print Witness Name | Witness' City, State of residence |

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