

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>Chris Olston</td><td>10/31/2011</td></tr><tr><td>Khaled Elmeleegy</td><td>11/15/2011</td></tr><tr><td>Benjamin Reed</td><td>10/27/2011</td></tr></tbody></table>		Name	Execution Date	Chris Olston	10/31/2011	Khaled Elmeleegy	11/15/2011	Benjamin Reed	10/27/2011		
Name	Execution Date										
Chris Olston	10/31/2011										
Khaled Elmeleegy	11/15/2011										
Benjamin Reed	10/27/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>YAHOO! Inc.</td></tr><tr><td>Street Address:</td><td>701 First Avenue</td></tr><tr><td>City:</td><td>Sunnyvale</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94089</td></tr></table>		Name:	YAHOO! Inc.	Street Address:	701 First Avenue	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13301242</td></tr></tbody></table>		Property Type	Number	Application Number:	13301242						
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Application Number:	13301242										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	070.P169 (Y07055US00)										
NAME OF SUBMITTER:	Stephanie N. Johnson										
Total Attachments: 6											

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Assignment of METHOD OR SYSTEM FOR SPILLING IN QUERY ENVIRONMENTS by, Chris Olston, Khaled Elmeleegy, and Benjamin Reed to Yahoo! Inc.
070.P169/Y07055US00

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:

METHOD OR SYSTEM FOR SPILLING IN QUERY ENVIRONMENTS

- ☒ 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, 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 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, I Chris Olston have executed this document on the date indicated below.


Signature of Inventor

10/31/2011
Date

Mountain View, California
Inventor's City, State of residence

Witnessed by:

(1) Thomas Gruli
Signature of Witness

10/31/2011
Date

Thomas Gruli
Print Witness Name

Mountain View, CA
Witness' City, State of residence

(2) Paul Heymann
Signature of Witness

Paul Heymann
Print Witness Name

10/31/2011
Date

Mountain View, CA
Witness' City, State of residence

IN TESTIMONY WHEREOF, I Khaled Elmeleegy have executed this document on the date indicated below.

Signature of Inventor

Date

Sunnyvale, California
Inventor's City, State of residence

Witnessed by:

(1) _____
Signature of Witness

Date

Print Witness Name

Witness' City, State of residence

(2) _____
Signature of Witness

Date

Print Witness Name

Witness' City, State of residence

IN TESTIMONY WHEREOF, I Benjamin Reed have executed this document on the date indicated below.

Signature of Inventor

Date

Morgan Hill, California
Inventor's City, State of residence

Assignment of METHOD OR SYSTEM FOR SPILLING IN QUERY ENVIRONMENTS by, Chris Olston, Khaled Elmeleegy, and Benjamin Reed to Yahoo! Inc.
070.P169/Y07055US00

(2) _____
Signature of Witness

_____ Date

_____ Print Witness Name

_____ Witness' City, State of residence

IN TESTIMONY WHEREOF, I Khaled Elmeleegy have executed this document on the date indicated below.

Khaled Elmeleegy
Signature of Inventor

11/15/2011
Date

Sunnyvale, California
Inventor's City, State of residence

Witnessed by:

(1) Vibhor
Signature of Witness

11/15/2011
Date

Vibhor Rastogi
Print Witness Name

Mountain View
Witness' City, State of residence

(2) chen
Signature of Witness

11/15/2011
Date

Tianjun Chen
Print Witness Name

Cupertino
Witness' City, State of residence

IN TESTIMONY WHEREOF, I Benjamin Reed have executed this document on the date indicated below.

_____ Signature of Inventor

_____ Date

Morgan Hill, California
Inventor's City, State of residence

Assignment of METHOD OR SYSTEM FOR SPILLING IN QUERY ENVIRONMENTS by, Chris Olston, Khaled Elmeleegy, and Benjamin Reed to Yahoo! Inc.
070.P169/Y07055US00

(2)

Signature of Witness

Date

Print Witness Name

Witness' City, State of residence

IN TESTIMONY WHEREOF, I Khaled Elmeleegy have executed this document on the date indicated below.

Signature of Inventor

Date

Sunnyvale, California

Inventor's City, State of residence

Witnessed by:

(1)

Signature of Witness

Date

Print Witness Name

Witness' City, State of residence

(2)

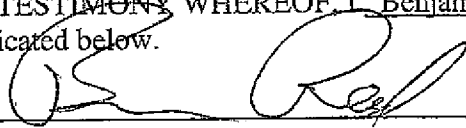
Signature of Witness

Date

Print Witness Name

Witness' City, State of residence

IN TESTIMONY WHEREOF, I Benjamin Reed have executed this document on the date indicated below.




Signature of Inventor
Morgan Hill, California

Inventor's City, State of residence

Oct 27, 2011

Date

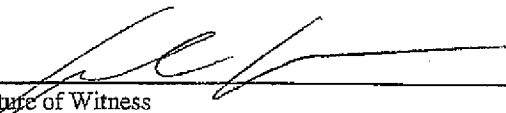
Witnessed by:

(1) 
Signature of Witness

Russell Sears
Print Witness Name

10/27/2011
Date

Berkeley, CA
Witness' City, State of residence

(2) 
Signature of Witness

Carlos Curiao
Print Witness Name

10/27/2011
Date

SUNNYVALE, CA
Witness' City, State of residence