PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ozgur Cetin	03/11/2010

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:	12722524

CORRESPONDENCE DATA

Fax Number: (212)527-7701

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

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Correspondent Name: John W. Branch
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Address Line 2: Church Street Station

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NAME OF SUBMITTER: Flor Neafus

Total Attachments: 2

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PATENT REEL: 024069 FRAME: 0869

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:

MAXIMUM LIKELIHOOD ESTIMATION UNDER A COVARIANCE CONSTRAINT FOR PREDICTIVE MODELING

x for which I have executed a U.S. patent application on even date herewith.
which bears U.S. application serial No., filed Concurrently Herewith.
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 infringemen (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.

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

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4769090.1 0213276-US0

PATENT REEL: 024069 FRAME: 0870 Assignment of MAXIMUM LIKELIHOOD ESTIMATION UNDER A COVARIANCE CONSTRAINT FOR PREDICTIVE MODELING by Ozgur Cetin to Yahoo! Inc. Y06047US00; 08226/0213276-US0

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 his 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 Ozgur Cetin have e	executed this document on the date indicat
below	3/11/2013
Signature of Inventor	Date
New York, New York	
Inventor's City, State of residence	
Witnessed by:	
(1) MAC	Man 11, 2010
Signature of Witness	Date
KASHOPE PAPINENL	CARMEL, NY
Print Witness Name	Witness' City, State of residence
(2) John Tangford	3/11/2010
Signature of Witness	Date
John Langford	White Plans, NY
Drint Witness Norms	Witness City State of maidance

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RECORDED: 03/11/2010

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