PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JINMING CAO	04/04/2014
LIN HOU	04/05/2014
CHAO GUO	04/07/2014
XINGGUANG YU	04/20/2014
HUIQIANG LIU	04/07/2014
KERRY YANG	04/06/2014
LIN LIN	05/14/2014

RECEIVING PARTY DATA

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Street Address:	699 EIGHTH STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14358967

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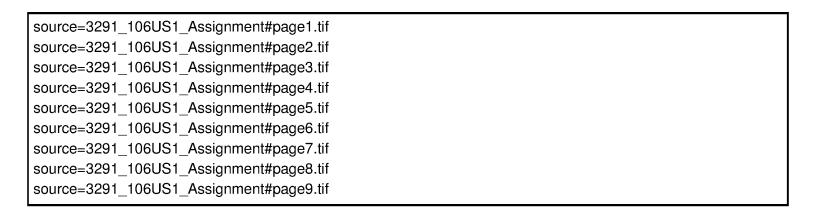
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	3291.106US1
NAME OF SUBMITTER:	DEBRA A. BAILEY
SIGNATURE:	/Debra A. Bailey/
DATE SIGNED:	05/16/2014

Total Attachments: 9

REEL: 032916 FRAME: 0109

PATENT



Attorney Docket No. 3291.106US1 Client Ref. No. P1140US1

ASSIGNMENT

WHEREAS, Jinming Cao, Lin Hou, Chao Guo, Xingguang Yu, Huiqiang Liu, Kerry Yang and Lin Lin (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on May 16, 2014, which application was assigned US patent application serial number 14/358,967, and which is titled PROVIDING SOCIAL NETWORK CONTENT IN GAMES; which are described in a patent application filed on December 16, 2011, which application was assigned PCT application serial number PCT/CN2011/002118, and which is titled PROVIDING SOCIAL NETWORK CONTENT IN GAMES.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Zynga Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 699 Eighth Street, San Francisco, CA 94103, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 107322 may (directly or through his/her designee) delete, insert, or alter any

Assignors: Jinming Cao et al.

Title: PROVIDING SOCIAL NETWORK CONTENT IN GAMES

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information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

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Title: PROVIDING SOCIAL NETWORK CONTENT IN GAMES

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Assignor:

(Signature): Jinming Cao /

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Name: Jinming Cao City/State: Beijing, China

Apr 4, 2014 Date:

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Assignor:

1 linhou (Signature):

/

Docket No: 3291.106US1

Client Ref. No. P1140US1

Name: Lin Hou

City/State: Beijing, China

Apr 5, 2014 Date:

Assignors: Jinming Cao et al.
Title: PROVIDING SOCIAL NETWORK CONTENT IN GAMES

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Assignor:

1 daoguo (Signature):

/

Name: Chao Guo

City/State: Beijing, China

Apr 7, 2014 Date:

> **PATENT REEL: 032916 FRAME: 0115**

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Assignor:

/ (Signature):

> Name: Xingguang Yu City/State: Beijing, China

Apr 20, 2014 Date:

> **PATENT REEL: 032916 FRAME: 0116**

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Assignor:

(Signature): Huigiang Liu /

Docket No: 3291.106US1

Client Ref. No. P1140US1

Name: Huigiang Liu City/State: Beijing, China

Apr 7, 2014 Date:

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Assignor:

1 Kerry Gang (Signature): /

> Name: Kerry Yang City/State: Beijing, China

Apr 6, 2014 Date:

> **PATENT REEL: 032916 FRAME: 0118**

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Assignor:

/ 1 Lin Lin (Signature):

Name: Lin Lin

City/State: Beijing, China

May 14, 2014 Date:

> **PATENT REEL: 032916 FRAME: 0119**

RECORDED: 05/16/2014