

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4756865

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
KATHLEEN AUTERIO	09/13/2011
DENIZ ERSEVER	09/13/2011
NATHAN ARTHUR ETTER	08/01/2011
HARDIK KHESKANI	09/27/2011
SERENA LAM	04/17/2014
AMITT MAHAJAN	07/27/2011
CHRISTOPHER JOSEPH MAKARSKY	07/27/2011
JAY MONAHAN	09/12/2011
DONALD C MOSITES	07/27/2011
BENJAMIN MULLIN	09/22/2011
MATTHEW ADAM OCKO	07/28/2011
BRIAN REYNOLDS	09/07/2011
SHANTANU TALAPATRA	09/21/2011
JUSTIN WALDRON	07/27/2011
IAN WANG	09/22/2011
JACKSON WANG	08/01/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	ZYNGA INC.
<b>Street Address:</b>	699 EIGHTH STREET
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94103

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13435627

**CORRESPONDENCE DATA****Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**PATENT**

**Email:** REQUEST@SLWIP.COM  
**Correspondent Name:** SCHWEGMAN LUNDBERG & WOESSNER, P.A.  
**Address Line 1:** PO BOX 2938  
**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402-0938

<b>ATTORNEY DOCKET NUMBER:</b>	3291.003US2
<b>NAME OF SUBMITTER:</b>	KERRI WRIGHT
<b>SIGNATURE:</b>	/KERRI WRIGHT/
<b>DATE SIGNED:</b>	01/02/2018

**Total Attachments: 19**

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 3291.003US2

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kathleen Auterio, Deniz Ersever, Nathan Arthur Etter,  
Hardik Kheskani, Serena Lam, Amitt Mahajan,  
Christopher Joseph Makarsky, Jay Monahan, Donald C.  
Mosites, Benjamin Mullin, Matthew Adam Ocko, Brian  
Reynolds, Shantanu Talapatra, Justin Waldron, Ian  
Wang, Jackson Wang

Additional name(s) of conveying party(ies) attached?

[ ] Yes [X] No

2. Name and address of receiving party(ies):

Name: Zynga Inc.

Street Address: 699 Eighth Street

City: San Francisco State: CA Zip: 94103

Country: United States of America

Additional name(s) & address(es) attached? [ ] Yes [X] No

3. Nature of conveyance:

[X] Assignment [ ] Merger

[ ] Security Agreement [ ] Change of Name

[ ] Other

Execution Date: September 13, 2011, September 13,  
2011, August 1, 2011, September 27, 2011, April 17,  
2014, July 27, 2011, July 27, 2011, September 12, 2011,  
July 27, 2011, September 22, 2011, July 28, 2011,  
September 7, 2011, September 21, 2011, July 27, 2011,  
September 22, 2011, August 1, 2011

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 13/435,627, filed March 30, 2012

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kirt L. Iverson

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, Minnesota 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

[ ] Enclosed

[ ] Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

**DO NOT USE THIS SPACE**

9. 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.

Kirt L. Iverson/Reg. No. 62,660

Name of Person Signing

Kirt L. Iverson / January 2, 2018

Signature

Date

Total number of pages including cover sheet: 19

**PATENT**  
**REEL: 044515 FRAME: 0845**

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**

**Mail Stop Assignment Recordation Services**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

## ASSIGNMENT

WHEREAS, We, Kathleen Auterio Deniz Ersever, Nathan Arthur Etter, Hardik Kheskani, Serena Lam, Amitt Mahajan, Christopher Joseph Makarsky, Jay Monahan, Donald C. Mosites, Benjamin Mullin, Matthew Adam Ocko, Brian Reynolds, Shantanu Talapatra, Justin Waldron, Ian Wang, and Jackson Wang, whose mailing address is 699 Eighth Street, San Francisco, CA 94103, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on June 30, 2011, which application was assigned U.S. patent application serial number 13/174,717, and is entitled PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Zynga Inc. (the "Assignee"), a corporation of the State of DE, having a place of business at 699 Eighth Street, San Francisco, CA 94103, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

**Additional Application Information**

*No Provisional claim for priority is being made at this time.*

*No U.S. Non-Provisional claim for priority is being made at this time.*

*No International or foreign claim for priority is being made at this time.*

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

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will 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 will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements 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 such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

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:

Inventor: 1:

(Signature): Kathleen A. Auterio  
Name: Kathleen Auterio

Date: 9/13/11

Assignment

Client Ref. No. P1044US1 / LBS

Assignor: Kathleen Auerio et al.

Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS

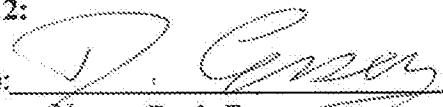
Page 3 of 17

Docket No: 3291.003US1

Serial Number: 13/174,717

Inventor: 2:

(Signature):



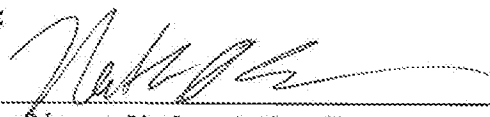
Name: Deniz Ersever

Date:

9/13/2011

Inventor: 3:

(Signature):



Name: Nathan Arthur Etter

Date:

8/1/11



Inventor: 4:

(Signature):   
Name: Hardik Kheskani

Date: 9/27/11

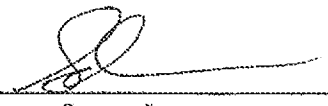
Assignment  
Client Ref. No. P1044US1 / LBS  
Assignors: Kathleen Auerio et al.  
Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS  
Page 6 of 17

Docket No: 3291.003US1

Serial Number: 13/174,717

Inventor: 5:

(Signature):

  
Name: Serena Lam

Date:

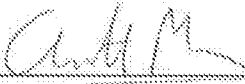
April 12, 2014

Assignment  
Client Ref No. P1044US1 / LBS  
Assignors: Kathleen Autero et al.  
Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS  
Page 7 of 17

Docket No: 3291.003US1  
Serial Number: 13/174,717

Inventor: 6:

(Signature):



Name: Amitt Mahajan

Date:


7/27/2014

Assignment  
Client Ref. No. P1044US1 / LBS  
Assignors: Kathleen Auterio et al.  
Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS  
Page 8 of 17

Docket No: 3291.003US1  
Serial Number: 13/174,717

Inventor: 7:

(Signature):

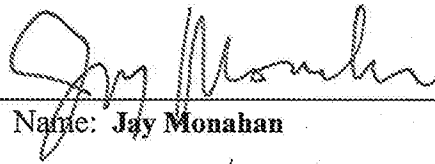


Name: Christopher Joseph Makarsky

Date: July 27, 2011

**Inventor: 8:**

(Signature):

  
Name: Jay Monahan

Date:

September 12, 2011

Assignment

Client Ref. No. P1044US1 / LBS

Assignors: Kathleen Anterio et al.

Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS

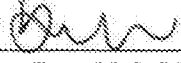
Page 10 of 17

Docket No: 3291,003US1

Serial Number: 13/174,717

Inventor: 9:

(Signature):



Name: Donald C. Mosites

Date:

7/27/11

Assignment  
Client Ref. No. P1044US1 / LBS  
Assignors: Kathleen Auterio et al.  
Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS  
Page 11 of 17

Docket No: 3291.003US1

Serial Number: 13/174,717

Inventor: 10:

(Signature) 

Name: Benjamin Mullin

Date: Sept 22, 2011

**Assignment**

Client Ref. No. P1044US1 / LBS

Assignors: Kathleen Auerio et al.

Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS

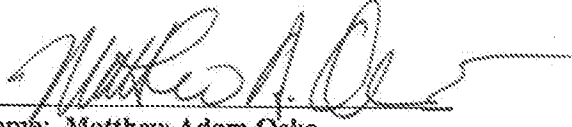
Page 12 of 17

Docket No: 3291.003US1

Serial Number: 13/174,717

**Inventor: 11:**

(Signature):

  
Name: Matthew Adam Ocko

Date:

7/27/2011



Assignment

Client Ref. No. P1044US1 / LBS

Assignors: Kathleen Auterio et al.

Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS

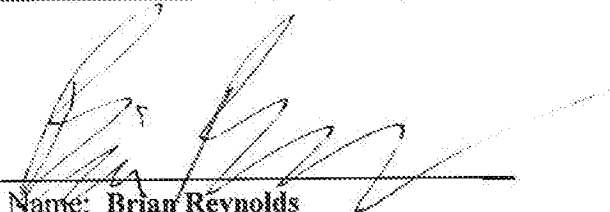
Page 13 of 17

Docket No: 3291.0031US1

Serial Number: 13/174,717

**Inventor: 12:**

(Signature):

  
Name: Brian Reynolds

Date:

9/7/2011

Inventor: 13:

(Signature): SLT Tal  
Name: Shantanu Talapatra

Date: 9/21/2011

Assignment

Client Ref. No. F1004US1 / LBS

Assignors: Kathleen Anterio et al.

Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS


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Docket No: 3291.003US1

Serial Number: 13/174,717

Inventor: 14:

(Signature):

  
Name: Justin Waldron

Date:

07/27/2011

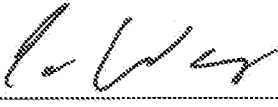
Assignment  
Client Ref. No. F1044US1 / LBS  
Assignors: Kathleen Auterio et al.  
Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS  
Page 16 of 17

Docket No: 3291.003US1

Serial Number: 13/174,717

Inventor: 15:

(Signature):

  
Name: Ian Wang

Date:

9/22/2011

**Assignment**

Client Ref. No. P1044US1 / LBS

Assignors: Kathleen Auerio et al.

Title: PROVIDING VIRTUAL ITEMS BASED ON LOCATION-BASED ACTIONS

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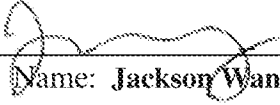
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Docket No: 3291003US1

Serial Number: 13/174,717

**Inventor: 16:**

(Signature):



Name: Jackson Wang

Date: August 1, 2011

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