# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2666927

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
DYLAN SPROULE	02/25/2013
SHANE HALL	02/26/2013
BEN HALL	02/27/2013
TIMOTHY J.O. CATLIN	05/31/2013
JASON PAUL ALLEN	02/26/2013
CLAYTON RHODES STARK	05/31/2013

# **RECEIVING PARTY DATA**

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

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13780506

# CORRESPONDENCE DATA

Fax Number:

Email: request@slwip.com

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

Correspondent Name: SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

Address Line 1: PO BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

NAME OF SUBMITTER:	LESLIE J. ANTONSEN
Signature:	/Leslie J. Antonsen/

PATENT 502620318 REEL: 031888 FRAME: 0866

Date:	01/03/2014
Total Attachments: 49	
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# RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 3291.170US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Zynga Inc. Dylan Sproule, Shane Hall, Ben Hall, Timothy J.O. Street Address: 699 Eighth Street Catlin, Jason Paul Allen, Clayton Rhodes Stark Additional name(s) of conveying party(ies) attached? City: San Francisco State: CA Zip: 94103 Country: United States of America [ ]Yes [X]No Additional name(s) & address(es) attached? [ ]Yes [X]No 3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: <u>February 25, 2013, February 26, 2013, February 27, 2013, May 31, 2013, February 26, 2013, May 31, 2013</u> 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) B. Patent No.(s) Serial No. 13/780,506 Additional numbers attached? [ ]Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41): concerning document should be mailed: Name: Joseph J. Wang [[Enclosed Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE 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. January 3, 2014 Joseph J. Wang/Reg. No. 61,123 Name of Person Signing

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 Total number of pages including cover sheet: 49

Attorney Docket No. 3291.170US1 Client Ref. No. P1226US1

## **ASSIGNMENT**

WHEREAS, Dylan Sproule, Shane Hall, Ben Hall, Timothy J.O. Catlin, Jason Paul Allen and Clayton Rhodes Stark (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 <u>February 28, 2013</u> which application was assigned US patent application serial number <u>13/780,506</u>, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 2, 2012, which application was assigned US application serial number 61/605,917, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 1, 2012, which application was assigned US application serial number 61/605,602, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS.

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;

Assignment

Assignors: Dylan Sproule et al.

Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 2 of 8

Docket No: 3291,170US1

Client Ref. No. P1226US1

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 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:

Assignment

Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 3 of 8

Assignor:

(Signature)

Name: **Dylan Sproule** 

City/State: San Francisco, CA

Date: Feb 25/2013

**PATENT REEL: 031888 FRAME: 0871** 

Docket No: 3291.170US1

Client Ref. No. P1226US1

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 4 of 8 Docket No: 3291.170US1 Client Ref. No. P1226US1

Assignor:	
(Signature):	
	Name: Shane Hall
	City/State: San Francisco, CA
Date:	

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 5 of 8 Docket No: 3291.170US1 Client Ref. No. P1226US1

Assignor:	
(Signature):	
	Name: <b>Ben Hall</b>
	City/State: Fairfield, CA
Date:	

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 6 of 8

Assignor:	
(Signature):	
	Name: Timothy J.O. Catlin
	City/State: San Mateo, CA
Date:	

**PATENT REEL: 031888 FRAME: 0874** 

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 7 of 8

Assignor:	
(Signature):	
	Name: Jason Paul Allen
	City/State: Seattle, WA
Date:	

**PATENT REEL: 031888 FRAME: 0875** 

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 8 of 8

Assignor:	
(Signature):	
	Name: Clayton Rhodes Stark
	City/State: Victoria, BC
Date:	

**PATENT REEL: 031888 FRAME: 0876** 

## **ASSIGNMENT**

WHEREAS, Dylan Sproule, Shane Hall, Ben Hall, Timothy J.O. Catlin, Jason Paul Allen and Clayton Rhodes Stark (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 February 28, 2013, which application was assigned US patent application serial number 13/780,506, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 2, 2012, which application was assigned US application serial number 61/605,917, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 1, 2012, which application was assigned US application serial number 61/605,602, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS.

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;

Assignment

Assignors: Dylan Sproule et al.

Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 2 of 8

Docket No: 3291.170US1 Client Ref. No. P1226US1

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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:

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 3 of 8

Assignor:	
(Signature):	
	Name: <b>Dylan Sproule</b>
	City/State: San Francisco, CA
Date:	

**PATENT REEL: 031888 FRAME: 0879** 

Assignment
Assignors: Dylan Sproute et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 4 of 8

Docket No. 3291.170US1 Client Ref. No. P1226US1

Assignor:

(Signature):

Name: Shane Hall

City/State: San Francisco, CA

Date: 6.61/2

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 5 of 8

Assignor:	
(Signature):	
	Name: Ben Hall
	City/State: Fairfield, CA
Date:	

**PATENT REEL: 031888 FRAME: 0881** 

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 6 of 8

Assignor:	
(Signature):	
	Name: Timothy J.O. Catlin
	City/State: San Mateo, CA
Date:	

**PATENT REEL: 031888 FRAME: 0882** 

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 7 of 8

Assignor:	
(Signature):	
	Name: Jason Paul Allen
	City/State: Seattle, WA
Date:	

**PATENT REEL: 031888 FRAME: 0883** 

Assignment Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 8 of 8

Assignor:		
(Signature):		
	Name: Clayton Rhodes Stark	
	City/State: Victoria, BC	
Date:		

**PATENT REEL: 031888 FRAME: 0884** 

Docket No: 3291.170US1

Client Ref. No. P1226US1

## **ASSIGNMENT**

WHEREAS, Dylan Sproule, Shane Hall, Ben Hall, Timothy J.O. Catlin, Jason Paul Allen and Clayton Rhodes Stark (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 February 28, 2013, which application was assigned US patent application serial number 13/780,506, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 2, 2012, which application was assigned US application serial number 61/605,917, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 1, 2012, which application was assigned US application serial number 61/605,602, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS.

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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;

Assignment

Assignors: Dylan Sproule et al.

Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 2 of 8

Docket No: 3291.170US1 Client Ref. No. P1226US1

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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:

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 3 of 8

Assignor:	
(Signature):	
	Name: <b>Dylan Sproule</b>
	City/State: San Francisco, CA
Date:	

**PATENT REEL: 031888 FRAME: 0887** 

Assignment Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 4 of 8

Assignor:	
(Signature):	
	Name: Shane Hall
	City/State: San Francisco, CA
Date:	

**PATENT REEL: 031888 FRAME: 0888** 

Docket No: 3291.170US1

Client Ref. No. P1226US1

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 5 of 8

Docket No: 3291,170US1 Client Ref. No. P1226US1

Assignor:

(Signature):

Name: Ben Hall

City/State: Fairfield, CA

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 6 of 8

Assignor:		
Signature):		
	Name: Timothy J.O. Catlin	
	City/State: San Mateo, CA	
Date:		

**PATENT REEL: 031888 FRAME: 0890** 

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 7 of 8

Assignor:	
(Signature):	
	Name: Jason Paul Allen
	City/State: Seattle, WA
Date:	

**PATENT REEL: 031888 FRAME: 0891** 

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 8 of 8

Assignor:	
(Signature):	
	Name: Clayton Rhodes Stark
	City/State: Victoria, BC
Date:	

**PATENT** REEL: 031888 FRAME: 0892

## **ASSIGNMENT**

WHEREAS, Dylan Sproule, Shane Hall, Ben Hall, Timothy J.O. Catlin, Jason Paul Allen and Clayton Rhodes Stark (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 February 28, 2013, which application was assigned US patent application serial number 13/780,506, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 2, 2012, which application was assigned US application serial number 61/605,917, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 1, 2012, which application was assigned US application serial number 61/605,602, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS.

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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;

Assignment

Assignors: Dylan Sproule et al.

Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 2 of 8

Docket No: 3291.170US1 Client Ref. No. P1226US1

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 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:

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 3 of 8

Assignor:	
(Signature):	
( ) / (	Name: <b>Dylan Sproule</b>
	City/State: San Francisco, CA
Date:	

**PATENT REEL: 031888 FRAME: 0895** 

Assignment Docket No: 3291.170US1 Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 4 of 8 Client Ref. No. P1226US1

Assignor:			
(Signature):		SKKKKI	
	Name: Shane Hall		
	City/State: San Francisco, CA		
Date:			

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 5 of 8

Assignor:	
Signature):	
	Name: Ben Hall
	City/State: Fairfield, CA
)ate:	

**PATENT REEL: 031888 FRAME: 0897** 

Assignment

Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 6 of 8

Docket No: 3291,170US1 Client Ref. No. P1226US1

Assignor:

(Signature):

Name: Timothy J.O. Catlin

City/State: San Mateo, CA

Date:

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 7 of 8

Assignor:	
(Signature):	
	Name: Jason Paul Allen
	City/State: Seattle, WA
Date:	

**PATENT REEL: 031888 FRAME: 0899** 

Assignment Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 8 of 8

Assignor:	
(Signature):	
	Name: Clayton Rhodes Stark
	City/State: Victoria, BC
Date:	

**PATENT REEL: 031888 FRAME: 0900** 

Docket No: 3291.170US1

Client Ref. No. P1226US1

## **ASSIGNMENT**

WHEREAS, Dylan Sproule, Shane Hall, Ben Hall, Timothy J.O. Catlin, Jason Paul Allen and Clayton Rhodes Stark (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 February 28, 2013, which application was assigned US patent application serial number 13/780,506, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 2, 2012, which application was assigned US application serial number 61/605,917, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 1, 2012, which application was assigned US application serial number 61/605,602, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS.

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;

Assignment

Assignors: Dylan Sproule et al.

Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 2 of 8

Docket No: 3291.170US1 Client Ref. No. P1226US1

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 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

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:

securing, maintaining and enforcing proper patent protection for the Invention;

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 3 of 8

Assignor:	
(Signature):	
	Name: <b>Dylan Sproule</b>
	City/State: San Francisco, CA
Date:	

**PATENT REEL: 031888 FRAME: 0903** 

Docket No: 3291.170US1 Client Ref. No. P1226US1 Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 4 of 8

Assignor:	
(Signature):	
	Name: Shane Hall
	City/State: San Francisco, CA
Date:	

**PATENT REEL: 031888 FRAME: 0904** 

Docket No: 3291.170US1 Client Ref. No. P1226US1 Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 5 of 8

Client Ref. No. P1226US1

Assignor:	
(T)	
(Signature):	
	Name: Ben Hall
	City/State: Fairfield, CA
Date:	

**PATENT REEL: 031888 FRAME: 0905** 

Docket No: 3291.170US1

Assignment
Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 6 of 8

Assignor:	
(Signature):	
	Name: Timothy J.O. Catlin
	City/State: San Mateo, CA
Date:	

**PATENT REEL: 031888 FRAME: 0906** 

Docket No: 3291.170US1 Client Ref. No. P1226US1

Docket No: 3291,170US1 Client Ref, No. P1226US1

Assignor:

(Signature):

Name: Jason Paul Allen

City/State: Seattle, WA

Date: 2/26/13

Assignment Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 8 of 8

Assignor:	
(Signature):	
	Name: Clayton Rhodes Stark
	City/State: Victoria, BC
Date:	

**PATENT REEL: 031888 FRAME: 0908** 

Docket No: 3291.170US1

Client Ref. No. P1226US1

## **ASSIGNMENT**

WHEREAS, Dylan Sproule, Shane Hall, Ben Hall, Timothy J.O. Catlin, Jason Paul Allen and Clayton Rhodes Stark (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 February 28, 2013, which application was assigned US patent application serial number 13/780,506, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 2, 2012, which application was assigned US application serial number 61/605,917, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS; which are described in a patent application filed on March 1, 2012, which application was assigned US application serial number 61/605,602, and which is titled SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS.

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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;

Assignment

Assignors: Dylan Sproule et al.

Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 2 of 8

Docket No: 3291,170US1

Client Ref. No. P1226US1

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

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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.

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AGREED as of the date of my signature below:

Docket No: 3291.170US1 Assignment Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS Client Ref. No. P1226US1

Page 3 of 8

Assignor: (Signature):\_\_\_\_\_ Name: **Dylan Sproule** City/State: San Francisco, CA

Date:\_\_\_\_\_

Assignment Docket No: 3291.170US1 Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 4 of 8 Client Ref. No. P1226US1

Assignor:	
Signature):	
Jignature)	Name: Shane Hall
	City/State: San Francisco, CA
Date:	

Assignment Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 5 of 8

Assignor:	
(Signature):	
	Name: Ben Hall
	City/State: Fairfield, CA
Date:	

**PATENT REEL: 031888 FRAME: 0913** 

Docket No: 3291.170US1

Client Ref. No. P1226US1

Assignment Docket No: 3291.170US1 Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 6 of 8 Client Ref. No. P1226US1

Assignor:	
(Signature):	
	Name: Timothy J.O. Catlin
	City/State: San Mateo, CA
Date:	

Assignment Assignors: Dylan Sproule et al.
Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS
Page 7 of 8

Assignor:	
(Signature):	
	Name: Jason Paul Allen
	City/State: Seattle, WA
Date:	

**PATENT REEL: 031888 FRAME: 0915** 

Docket No: 3291.170US1

Client Ref. No. P1226US1

Assignment

Assignors: Dylan Sproule et al.

Title: SHARING AN APPLICATION CONFIGURATION AMONG SOCIAL NETWORKS

Page 8 of 8

Assignor:

(Signature):

Name: Clayton Rhodes Stark

City/State: Victoria, BC

Date:\_\_\_\_\_5/31/2013

PATENT REEL: 031888 FRAME: 0916

Docket No: 3291.170US1

Client Ref. No. P1226US1

RECORDED: 01/03/2014