504042146 10/07/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAISHAN LIU	08/25/2016
DAVID MERRILL PARDOE	08/25/2016
KUN LIU	08/25/2016
MANOJ RAMESHCHANDRA THAKUR	08/25/2016

RECEIVING PARTY DATA

Name:	LINKEDIN CORPORATION
Street Address:	2029 STIERLIN COURT
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15253702

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3080.G32US1	
NAME OF SUBMITTER:	MICHELLE RED BEAR	
SIGNATURE:	/Michelle Red Bear/	
DATE SIGNED:	10/07/2016	

Total Attachments: 9

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PATENT 504042146 REEL: 039968 FRAME: 0959

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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 3080.G32US1 Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Haishan Liu, David Merrill Pardoe, Kun Liu, Manoj	Name: LinkedIn Corporation			
Rameshchandra Thakur	Street Address: 2029 Stierlin Court			
Additional name(s) of conveying party(ies) attached?	City: Mountain View State: CA Zip: 94043 Country: United States of America			
[]Yes [X]No	Additional name(s) & address(es) attached? []Yes [X]No			
3. Nature of conveyance:	radicional name(s) ee address(es) attached. [11 es [21]110			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other				
Execution Date: <u>August 25, 2016, August 25, 2016, August 25, 2016, August 25, 2016</u>				
4. Application number(s) or patent number(s): If this document is being filed together with a new application, t	he execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
Serial No. 15/253,702, Filed August 31, 2016	_ · · · · · · · · · · · · · · · · · · ·			
Additional numbers attached? []Yes [X]No				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: <u>1</u>			
concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ <u>0.00</u>			
Name: Alex D. Starkovich	[]Enclosed			
Address: Schwegman Lundberg & Woessner, P.A.	[]Authorized to be charged to deposit account 19 0743			
P.O. Box 2938 Minneapolis, MN 554020938	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 of the original document.	on is true and correct and any attached copy is a true copy			
Alex D. Starkovich/Reg. No. 56,925 /Alex Starkovich/	October 27, 2016			
Name of Person Signing	Signature Date			
Total :	number of pages including cover sheet: 9			

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, Haishan Liu, David Merrill Pardoe, Kun Liu, Manoj Rameshchandra Thakur, Kancheng Cao and Chongzhe Li (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 $\frac{\text{August 31, 2016}}{\text{Number 15/253,702}}$, and which is titled AUDIENCE EXPANSION FOR ONLINE SOCIAL NETWORK CONTENT.

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 LinkedIn Corporation (the "Assignee"), a corporation of the State of California, having a place of business at 2029 Stierlin Court, Mountain View, CA 94043, 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. 45839 may (directly or through his/her designee) delete, insert, or alter any

Assignment

Assignors: Haishan Liu et al.

Title: AUDIENCE EXPANSION FOR ONLINE SOCIAL NETWORK CONTENT

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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:

Assignment

Assignors: Haishan Liu et al.
Title: AUDIENCE EXPANSION FOR ONLINE SOCIAL NETWORK CONTENT

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Date:

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Assignor: Haishan Liu (Signature): Name: Haishan Liu City/State: Sunnyvale, CA

Assignment

Assignors: Haishan Liu et al.

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Assignor:

(Signature): / David Pardor

Name: David Merrill Pardoe
City/State: Mountain View, CA

Date: 8/25/2016

Assignment Assignors: Haishan Liu et al.
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Assignor: teun liu (Signature): Name: Kun Liu_ City/State: Sunnyvale, CA 8/25/2016 Date:

> **PATENT** REEL: 039968 FRAME: 0966

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Assignment
Assignors: Haishan Liu et al.

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Assignor:

(Signature): / Mand Thakw /

Name: Manoj Rameshchandra Thakur

City/State: Sunnyvale, CA

Date: 8/25/2016

Docket No: 3080,G32US1 Assignment Assignors: Haishan Liu et al.
Title: AUDIENCE EXPANSION FOR ONLINE SOCIAL NETWORK CONTENT
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Assignor: (Signature): Name: Kancheng Cao City/State: Palo Alto, CA Date:

Assignment Docket No: 3080.G32US1
Assignors: Haishan Liu et al. Client Ref. No. P1957.LNK.US
Title: AUDIENCE EXPANSION FOR ONLINE SOCIAL NETWORK CONTENT

Assignor:

(Signature): / /

Name: Chongzhe Li
City/State: Fremont, CA

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