### 502486088 09/06/2013

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Dhaval Patel	07/29/2013
Sanjay Dubey	07/30/2013
Praveen N. Naga	07/29/2013
Volodymyr Zhabiuk	07/30/2013
Jintae Jung	07/30/2013

#### **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:	13956223

### **CORRESPONDENCE DATA**

**Fax Number**: 5307591665

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

Phone: 530-759-1661

Email: joanne@parklegal.com

Correspondent Name: A. Richard Park

Address Line 1: Park, Vaughan, Fleming & Dowler LLP

Address Line 2: 2820 Fifth Street

Address Line 4: Davis, CALIFORNIA 95618

ATTORNEY DOCKET NUMBER:	LI-P0215.LNK.US
NAME OF SUBMITTER:	A. Richard Park, Reg. No. 41,241
	PATENT

502486088 REEL: 031152 FRAME: 0544

IOP \$40,00 13956223

Signature:	/A. Richard Park/	
Date:	09/06/2013	
Total Attachments: 6 source=LI-P0215.LNK.US_Assignment#page1.tif source=LI-P0215.LNK.US_Assignment#page2.tif source=LI-P0215.LNK.US_Assignment#page3.tif source=LI-P0215.LNK.US_Assignment#page4.tif source=LI-P0215.LNK.US_Assignment#page5.tif source=LI-P0215.LNK.US_Assignment#page6.tif		

PATENT REEL: 031152 FRAME: 0545

#### CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Dhaval	Patel, Sanjay Dubey, Praveen N. Naga, Volodymyr Zhabiuk, Jintae Jung
hereina	fter termed "Inventor(s)", have invented certain new and useful improvements in
	INVERTED INDEXES FOR ACCELERATING ANALYTICS QUERIES
and hav	re executed a declaration or oath for an application for a United States patent disclosing and identifying the on:
	On the, 20;
	Or 1,2510,223
<u>X</u>	Or Said application having Application Number 3 and filed on 31 July 30, and
	WHEREAS, LinkedIn Corporation, a corporation of Delaware, having a principal place of business at 2029

WHEREAS, <u>LinkedIn Corporation</u>, a corporation of Delaware, having a principal place of business at <u>2029</u> Stierlin Court, <u>Mountain View</u>, <u>CA 94043</u> (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

Watt	7/29/2013
Dhaval Patel	Date
Sanjoy S Julsey	7/30/2013
Sanjay Dubey	Date
N. Pay	07/29/2013
Praveen N. Naga	Date
Volodymyr Zhabiuk	Date

Date

Jintae Jung

# **CORPORATE ASSIGNMENT**

WHEREAS, the undersigned,

Dhaval Patel	, Sanjay Dubey ,	Praveen N. Naga,	Volodymyr Zhabiuk,	Jintae Jung
hereinafter te	ermed "Inventor(s)",	have invented certain	new and useful improve	ements in
	II	NVERTED INDEXES FOR	ACCELERATING ANALYTICS	QUERIES
and have exe invention:	cuted a declaration o	or oath for an applicat	ion for a United States p	atent disclosing and identifying the
On th	ne day of		, 20;	
Or			$\frac{1}{3} \left( \frac{3}{4} \right) \left( \frac{3}{4} \right) = \frac{3}{4}$ and filed on 3	
X Said	application having A	Application Number_	$\frac{3}{2}$ and filed on $\frac{3}{2}$	July 2013, and
Stierlin Courtitle and interinvention, he termed "said	t, Mountain View, C rest in and to said appretofore conceived, a invention"), and in a	A 94043 (hereinafter plication and the invertible made or discovered joint to any and all pater	termed "Assignee"), is a ntion disclosed therein, a nitly or severally by said	a principal place of business at 2029 desirous of acquiring the entire right, and in and to all embodiments of the d Inventor(s) (all collectively hereinafter es and other forms of protection countries.
	V, THEREFORE, in received in full from		l and valuable considerat	tion acknowledged by said Inventor(s)
invention pur any and all ap country, inclu divisional, su	a) in and to said applesuant to the Internat pplications filed and ading each and every	lication and said inveional Convention for any and all patents government application filed and ion, or continuation-ic	ntion; (b) in and to all rig the Protection of Industr ranted on said invention each and every patent g	to said Assignee the entire right, title ghts to apply for foreign patents on said ial Property or otherwise; (c) in and to in the United States or any foreign granted on any application which is a lications; and (d) in and to each and
cooperation be execution of processary or of (b) for prosect additional appraents; (e) for involving said	fullest extent the right by said Inventor(s) shapetitions, oaths, specially desirable by said Assemble any of said applications covering sor interference or other invention and any said any sa	at, title and interest he hall include prompt profifications, declarations signee (a) for perfectiplications; (c) for filinal invention; (d) for the priority proceeding applications therefor	rein conveyed in the United toduction of pertinent factors or other papers, and other papers, and other papers and other papers. The papers are the read and prosecuting substituting and prosecuting are involving said inventionand any patents granted to	aid Assignee to enable said Assignee to ited States and foreign countries. Such ets and documents, giving of testimony, ther assistance all to the extent deemed right, title and interest herein conveyed; itute, divisional, continuing or pplications for reissuance of any said on; and (f) for legal proceedings thereon, including without limitation priority contests, public use

proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s)

Attorney Docket No. LI-P0215.LNK.US

in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee ates written below.		
Dhaval Patel	Date	
Sanjay Dubey	Date	
Praveen N. Naga	Date	
Volodymyr Zhabiuk Bue	Date 07/30/2013	
Jintae Jung	Date	

#### CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Dhaval Patel, Sanjay Dubey, Praveen N. Naga, Volodymyr Zhabiuk, Jintae Jung

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

INVERTED INDEXES FOR ACCELERATING ANALYTICS QUERIES

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the	he
invention:	

_	On the day of	
	Or	1254 203
<u>X</u>	Said application having Applic	ation Number $\frac{13}{1}$ and filed on $\frac{3}{1}$ $\frac{13}{1}$ and $\frac{3}{1}$

WHEREAS, <u>LinkedIn Corporation</u>, a corporation of Delaware, having a principal place of business at <u>2029</u> Stierlin Court, Mountain View, CA 94043 (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

Attorney Docket No. LI-P0215.LNK.US

### Attorney Docket No. LI-P0215.LNK.US

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assign tes written below.	
Dhaval Patel	Date
Sanjay Dubey	Date
Praveen N. Naga	Date
Volodymyr Zhabiuk	Date
Total pine	Tuly 30/13

Date

Attorney Docket No. LI-P0215.LNK.US

Jintae Jung

PATENT REEL: 031152 FRAME: 0551