

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7124492

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JURIJ LESKOVEC	01/31/2019
CHANTAT EKSOMBATCHAI	01/31/2019
KAIFENG CHEN	02/07/2019
RUINING HE	01/28/2019
REX YING	02/11/2019
RECEIVING PARTY DATA	
Name:	PINTEREST, INC.
Street Address:	651 BRANNAN STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94107
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17577187
CORRESPONDENCE DATA	
Fax Number:	(360)547-1585
<i>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.</i>	
Phone:	2064305110
Email:	athorus.docket@athorus.com
Correspondent Name:	ATHORUS, PLLC
Address Line 1:	PO BOX 579
Address Line 4:	MOUNT VERNON, WASHINGTON 98273
ATTORNEY DOCKET NUMBER:	127.0081-US5-CON1
NAME OF SUBMITTER:	LARRY HARRIS
SIGNATURE:	/Larry Harris/
DATE SIGNED:	01/17/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9	

source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page1.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page2.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page3.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page4.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page5.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page6.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page7.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page8.tif
source=2022-01-17 P000055-US-5-CON1 127.0081-US5-CON1 Combined Assignment and Declaration#page9.tif

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

PARTIES TO THE ASSIGNMENT

Assignor(s):

JURIJ LESKOVEC

808 Brannan Street
San Francisco, CA 94103

REX YING

808 Brannan Street
San Francisco, CA 94103

CHANTAT EKSOMBATCHAI

808 Brannan Street
San Francisco, CA 94103

KAIFENG CHEN

808 Brannan Street
San Francisco, CA 94103

RUINING HE

808 Brannan Street
San Francisco, CA 94103

Assignee:

Pinterest, Inc.
808 Brannan Street
San Francisco, CA 94103

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

“GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK” (Invention) for which a

non-provisional application for United States Letters Patent (Application):

was filed on _____ and accorded U.S. Application No. _____; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE’S legal representatives, of

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

Athorus, PLLC, associated with Customer No. 103182 to insert in the header above and here in parentheses (U.S. Patent Application No. 16/273,939 , filed 02/12/2019) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist in the preparation of any other patent property relating to the Application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the Application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

CORRESPONDENCE ADDRESS

I hereby direct all correspondence and telephone calls in connection with this application be addressed to the number associated with the customer number listed below, which is:

<p>Customer No. "103182"</p>
--

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

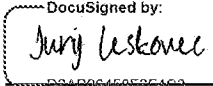
- the attached application; or
- United States Patent Application number _____ filed on _____; or
- PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:


JURIJ LESKOVEC

1/31/2019

 Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or
- United States Patent Application number _____ filed on _____; or
- PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:

 39B9BC757265447...
CHANTAT EKSOMBATCHAI

1/31/2019

 Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

United States Patent Application number _____ filed on _____; or

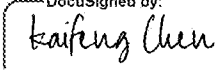
PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:

02A70994072D40F...
KAIFENG CHEN

2/7/2019
Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

United States Patent Application number _____ filed on _____; or

PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:
Ruining He
FEBE00B09EB3441...
RUINING HE

1/28/2019
Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/273,939

Attorney Docket No.: 127.0081-US-ORG5

Filing Date: 02/12/2019

Title of the Invention: GENERATING NEIGHBORHOOD CONVOLUTIONS WITHIN A LARGE NETWORK

Inventors: **Jurij Leskovec; Chantat Eksombatchai; Kaifeng Chen; Ruining He; Rex Ying**

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

United States Patent Application number _____ filed on _____; or

PCT international application number _____ filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

DocuSigned by:
Rex Ying
7000E00200D4402...
REX YING

2/11/2019
Date