

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6120347

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIKTORIA MEDVINSKAYA	09/26/2019
ARNO KUKK	10/02/2019
ANDREY CHERKAS	09/24/2019
ANNA AKOPOVA	09/25/2019
YUXIANG WANG	09/23/2019
ROHIT TANUGULA	09/25/2019
REZA SHIRAZI AGHJARI	09/23/2019
ANDREW JANG	09/26/2019
CHUNHUA LI	10/03/2019
JUN SATO	09/25/2019
LUYAO CAI	09/23/2019
RECEIVING PARTY DATA	
Name:	ALIGN TECHNOLOGY, INC.
Street Address:	2820 ORCHARD PARKWAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16584794
CORRESPONDENCE DATA	
Fax Number:	(973)597-2400
<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:	9735972500
Email:	kjohnson@lowenstein.com
Correspondent Name:	PATENT DOCKET ADMINISTRATOR
Address Line 1:	LOWENSTEIN SANDLER LLP
Address Line 2:	ONE LOWENSTEIN DRIVE
Address Line 4:	ROSELAND, NEW JERSEY 07068

PATENT

ATTORNEY DOCKET NUMBER:	28510.167 L0097US04
NAME OF SUBMITTER:	BENJAMIN A. KIMES (REG. NO. 50870)
SIGNATURE:	/Benjamin A. Kimes/
DATE SIGNED:	05/22/2020

Total Attachments: 14

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 28510.167 (L0096US04)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Viktoria Medvinskaya, Arno Kukkk, Andrey Cherkas, Anna Akopova, Yuxiang Wang, Rohit Tanugula, Reza Shirazi Aghjari, Andrew Jang, Chunhua Li, Jun Sato and Luyao Cai

hereby sell, assign, and transfer to Align Technology, Inc.

a corporation of Delaware
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 2820 Orchard Parkway, San Jose, California 95134,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

ALIGNER DAMAGE PREDICTION USING MACHINE LEARNING

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 16/584,794 filed September 26, 2019,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

26 09 19, 2019
Date


Viktoria Medynskaya

_____, 2019
Date

Arno Kukk

_____, 2019
Date

Andrey Cherkas

_____, 2019
Date

Anna Akopova

_____, 2019
Date

Yuxiang Wang

_____, 2019
Date

Rohit Tanugula

_____, 2019
Date

Reza Shirazi Aghjari

_____, 2019
Date

Andrew Jang

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Each Inventor: Please Sign and Date Below:

_____, 2019
Date

Viktoria Medvinskaya

02 October, 2019
Date

Arno Kukk

_____, 2019
Date

Andrey Cherkas

_____, 2019
Date

Anna Akopova

_____, 2019
Date

Yuxiang Wang

_____, 2019
Date

Rohit Tanugula

_____, 2019
Date


Reza Shirazi Aghjari

_____, 2019
Date

Andrew Jang

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Each Inventor: Please Sign and Date Below:

_____, 2019 Date	_____ Viktoria Medvinskaya
_____, 2019 Date	_____ Arno Kukk
<u>24 Sep</u> , 2019 Date	 _____ Andrey Cherkas
_____, 2019 Date	_____ Anna Akopova
_____, 2019 Date	_____ Yuxiang Wang
_____, 2019 Date	_____ Rohit Tanugula
_____, 2019 Date	_____ Reza Shirazi Aghjari
_____, 2019 Date	_____ Andrew Jang

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Each Inventor: Please Sign and Date Below:

_____, 2019
Date

Viktoria Medvinskaya

_____, 2019
Date

Arno Kukk

_____, 2019
Date

Andrey Cherkas

25 September
_____, 2019
Date



Anna Akopova

_____, 2019
Date

Yuxiang Wang

_____, 2019
Date

Rohit Tanugula

_____, 2019
Date

Reza Shirazi Aghjari

_____, 2019
Date

Andrew Jang

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Each Inventor: Please Sign and Date Below:

_____, 2019
Date

Viktoria Medvinskaya

_____, 2019
Date

Arno Kukk

_____, 2019
Date

Andrey Cherkas

_____, 2019
Date

Anna Akopova

9/23, 2019
Date

Yuxiang Wang

9/25, 2019
Date

Rohit Tanugula

_____, 2019
Date

Reza Shirazi Aghjari

_____, 2019
Date

Andrew Jang

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_____, 2019 Date	_____ Viktoria Medvinskaya
_____, 2019 Date	_____ Arno Kukk
_____, 2019 Date	_____ Andrey Cherkas
_____, 2019 Date	_____ Anna Akopova
_____, 2019 Date	_____ Yuxiang Wang
_____, 2019 Date	_____ Rohit Tanugula
<u>Sep 23</u> , 2019 Date	<u>Reza Shirazi Agajari</u> Reza Shirazi Agajari
_____, 2019 Date	_____ Andrew Jang

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Each Inventor: Please Sign and Date Below:

_____, 2019
Date

Viktoria Medvinskaya

_____, 2019
Date

Arno Kukk

_____, 2019
Date

Andrey Cherkas

_____, 2019
Date

Anna Akopova

_____, 2019
Date

Yuxiang Wang

_____, 2019
Date

Rohit Tanugula


_____, 2019
Date

Reza Shirazi Aghjari

9/26/_____, 2019
Date

Andrew Jagg

10/3, 2019
Date


Chunhua Li

_____, 2019
Date

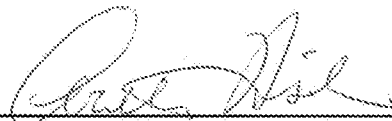
Jun Sato

_____, 2019
Date

Luyao Cai

Accepted by Align Technology, Inc. (Assignee)

Oct. 8, 2019
Date


By: _____
Title: _____

Arthur S. Hsieh, J.D., Ph.D.
Align Technology, Inc.
Vice President, Intellectual Property & Licensing

Assignment Document Return Address:
Patent Docket Administrator
Lowenstein Sandler PC
One Lowenstein Drive
Roseland, New Jersey 07068

_____, 2019
Date

Chunhua Li

9/25, 2019
Date

Jun Sato
Jun Sato

_____, 2019
Date

Luyao Cai

Accepted by Align Technology, Inc. (Assignee)

_____, 2019
Date

By: _____
Title: _____

Assignment Document Return Address:
Patent Docket Administrator
Lowenstein Sandler PC
One Lowenstein Drive
Roseland, New Jersey 07068

_____, 2019
Date

Chunhua Li

_____, 2019
Date

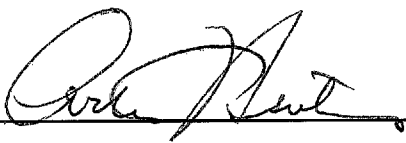
Jun Sato

9/23, 2019
Date

Luyao Cai
Luyao Cai

Accepted by Align Technology, Inc. (Assignee)

Sept. 26, 2019
Date


By: _____
Title: _____

Arthur S. Hsieh, J.D., Ph.D.
Align Technology, Inc.
Vice President, Intellectual Property & Licensing

Assignment Document Return Address:

Patent Docket Administrator
Lowenstein Sandler PC
One Lowenstein Drive
Roseland, New Jersey 07068

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

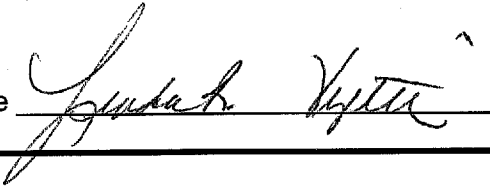
State of California
County of Santa Clara

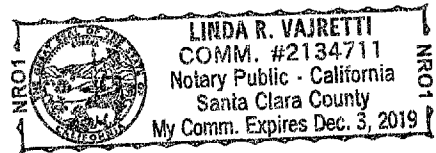
On September 23, 2019 before me, Linda R. Vajretti, Notary Public
(insert name and title of the officer)

personally appeared Yuxiang WANG and Luyao CAI,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



DOCUMENT:
Assignment 1534.US.P3

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Santa Clara

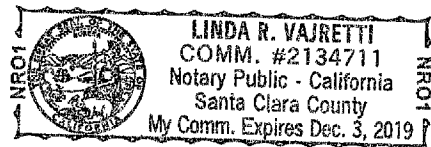
On September 25, 2019 before me, Linda R. Vajretti, Notary Public
(insert name and title of the officer)

personally appeared Rohit TANUGULA,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in
his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



DOCUMENT:
Assignment 1534.US.P4

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Santa Clara)

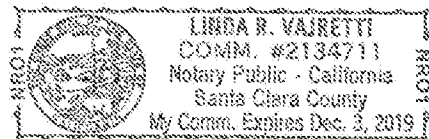
On October 3, 2019 before me, Linda R. Vajretti, Notary Public
(insert name and title of the officer)

personally appeared Chunhua LI
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s); or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



DOCUMENT:
Assignment 1534.US.P4