

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5738199

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SERGEI OZEROV	12/05/2017
OFER SAPHIER	12/04/2017
AVI KOPELMAN	12/11/2017
ADI LEVIN	12/02/2017
PAVEL RAZUMOVSKIY	12/04/2017
MICHAEL SABINA	12/08/2017
MIKHAIL DYACHENKO	12/04/2017
RENE M. STERENTAL	12/11/2017
PARTHA DEY	12/11/2017
ROMAN A. ROSCHIN	12/05/2017
LEONID VYACHESLAVOVICH GRECHISHNIKOV	12/05/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALIGN TECHNOLOGY, INC.
<b>Street Address:</b>	2820 ORCHARD PARKWAY
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95134
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16583091
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	9735972500
<b>Email:</b>	kjohnson@lowenstein.com
<b>Correspondent Name:</b>	PATENT DOCKET ADMINISTRATOR
<b>Address Line 1:</b>	LOWENSTEIN SANDLER LLP
<b>Address Line 2:</b>	ONE LOWENSTEIN DRIVE
<b>Address Line 4:</b>	ROSELAND, NEW JERSEY 07068

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	28510.191 L0047C
<b>NAME OF SUBMITTER:</b>	BENJAMIN A. KIMES (REG. NO. 50870)
<b>SIGNATURE:</b>	/Benjamin A. Kimes/
<b>DATE SIGNED:</b>	09/25/2019

**Total Attachments: 8**

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**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 28510.70 (L0047)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sergei Ozerov, Ofer Saphier, Avi Kopeiman, Adi Levin, Pavel Razumovskiy, Michael Sabina, Mikhail Dyachenko, René M. Sterental, Partha Dey, Roman A. Roschin, Anton Gavrilov, Leonid Vyacheslavovich Grechishnikov 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

LONGITUDINAL ANALYSIS AND VISUALIZATION UNDER LIMITED ACCURACY SYSTEM

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 \_\_\_\_\_ filed \_\_\_\_\_

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:

05/Dec/ 2017  
Date

  
Sergei Ozerov

\_\_\_\_\_, 2017  
Date

\_\_\_\_\_  
Ofer Saphier


\_\_\_\_\_, 2017  
Date

\_\_\_\_\_  
Avi Kopelman

\_\_\_\_\_, 2017  
Date

\_\_\_\_\_  
Adi Levin

04/Dec/ 2017  
Date

  
Pavel Razumovskiy

\_\_\_\_\_, 2017  
Date

\_\_\_\_\_  
Michael Sabina

04/Dec 2017  
Date

  
Mikhail Dyachenko

\_\_\_\_\_, 2017  
Date

\_\_\_\_\_  
René M. Sterental

\_\_\_\_\_, 2017  
Date

\_\_\_\_\_  
Partha Dey

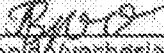
05 Dec 2017  
Date

  
Roman A. Roschin

\_\_\_\_\_, 2017  
Date

\_\_\_\_\_  
Anton Gayriov

05 Dec 2017  
Date

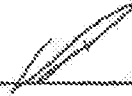
  
Leonid Vyacheslavovich Grechishnikov

Assignment Document Return Address:  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068

Attorney Docket No.: 28510.70 (L0047)

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:

_____, 2016 Date	_____ Sergei Ozerov
_____, 2016 Date	_____ Ofer Saphier
_____, 2016 Date	_____ Avi Kopelman
12/2/2016 Date	_____ Adi Levin 
_____, 2016 Date	_____ Pavel Razumovskiy
_____, 2016 Date	_____ Michael Sabina
_____, 2016 Date	_____ Mikhail Dyachenko
_____, 2016 Date	_____ René M. Sterental
_____, 2016 Date	_____ Partha Dey
_____, 2016 Date	_____ Roman A. Roschin
_____, 2016 Date	_____ Anton Gavrilov
_____, 2016 Date	_____ Leonid Vyacheslavovich Grechishnikov

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85 Livingston Avenue  
Roseland, New Jersey 07068

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Each Inventor: Please Sign and Date Below:

_____ 2017 Date	_____ Sergei Ozerov
<u>4. Dec</u> 2017 Date	<u>Ofer Saphier</u> Ofer Saphier
_____ 2017 Date	_____ Avi Kopelman
_____ 2017 Date	_____ Adi Levin
_____ 2017 Date	_____ Pavel Razumovskiy
_____ 2017 Date	_____ Michael Sabina
_____ 2017 Date	_____ Mikhail Dyachenko
_____ 2017 Date	_____ René M. Sterental
_____ 2017 Date	_____ Partha Dey
_____ 2017 Date	_____ Roman A. Roschin
_____ 2017 Date	_____ Anton Gavrilov
_____ 2017 Date	_____ Leonid Vyacheslavovich Grechishnikov

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Each Inventor: Please Sign and Date Below:

\_\_\_\_\_, 2017  
Date Sergei Ozerov

\_\_\_\_\_, 2017  
Date Ofer Saphier

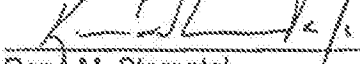
11-11-17, 2017  
Date   
Avi Kopelman


\_\_\_\_\_, 2017  
Date Adi Levin

\_\_\_\_\_, 2017  
Date Pavel Razumovskiy

12/15, 2017  
Date   
Michael Sabina

\_\_\_\_\_, 2017  
Date Mikhail Dyachenko

12/11/17, 2017  
Date   
Rene M. Sterental

12/11/17, 2017  
Date   
Partha Dey

\_\_\_\_\_, 2017  
Date Roman A. Roschin

\_\_\_\_\_, 2017  
Date Anton Gavrilov

\_\_\_\_\_, 2017  
Date Leonid Vyacheslavovich Grechishnikov

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Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
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

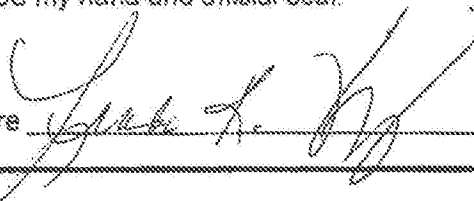
On December 8, 2017 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Michael SABINA, 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.

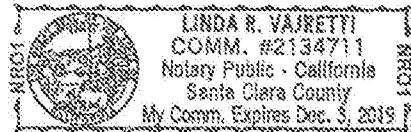
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



DOCUMENT NAME:

Assignment 1402.US.P



**ACKNOWLEDGMENT**

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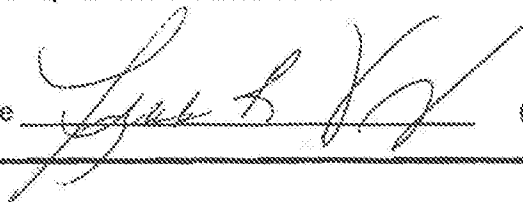
State of California  
County of Santa Clara

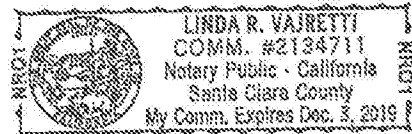
On December 11, 2017 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Avi KOPELMAN and Rene M. STERENTAL, 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)



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Assignment 1402.US.P

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State of California  
County of Santa Clara

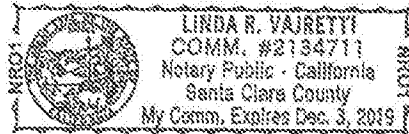
On December 11, 2017 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Partha DEY, 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 *[Handwritten Signature]* (Seal)



DOCUMENT NAME:

Assignment 1402.US.P