

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5738113

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADI LEVIN	05/27/2019
ANTON LAPSHIN	05/06/2019
BEHNAM J. FOROODIAN	05/03/2019
ERIC P. MEYER	05/28/2019
KONSTANTIN TENZIN	05/07/2019
ANDREY CHEKHONIN	05/17/2019
PAVEL SOKOLOV	05/17/2019
RENÉ M. STERENTAL	05/02/2019
JASON RAMOS	05/02/2019
EVGENIY MALASHKIN	05/06/2019
ANNA SIVAKOVA	05/20/2019
<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>	16399847
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)212-7562
<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>	650-212-1700
<b>Email:</b>	info@shayglenn.com, jennifer@shayglenn.com
<b>Correspondent Name:</b>	SHAY GLENN LLP
<b>Address Line 1:</b>	2755 CAMPUS DRIVE, SUITE 210
<b>Address Line 4:</b>	SAN MATEO, CALIFORNIA 94403

<b>ATTORNEY DOCKET NUMBER:</b>	14187-742.201 /1496.US.P2
<b>NAME OF SUBMITTER:</b>	JENNIFER MARCELINO
<b>SIGNATURE:</b>	/Richard D. Shoop, Reg. No. 45,763/
<b>DATE SIGNED:</b>	09/25/2019

**Total Attachments: 15**

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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

- (1) **Adi LEVIN (05/27/2019)**
- (2) **Anton LAPSHIN (05/06/2019)**
- (3) **Behnam J. FOROODIAN (05/03/2019)**
- (4) **Eric P. MEYER (05/28/2019)**
- (5) **Konstantin TENZIN (05/07/2019)**
- (6) **Andrey CHEKHONIN (05/17/2019)**

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

2. Name and address of receiving party(ies):

Name: **ALIGN TECHNOLOGY, INC.**  
**2820 Orchard Parkway**  
**San Jose, CA 95134**

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Name and address of receiving party(ies):

Name:

Street Address:

City: State: Zip:

Country:

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) – **16/399,847**

Title: **SYSTEMS AND METHODS FOR  
TREATMENT USING DOMAIN-SPECIFIC TREATMENT  
PROTOCOLS**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

**Richard D. Shoop**  
**Shay Glenn LLP**  
**2755 Campus Drive, Suite 210**  
**San Mateo, CA 94403**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)(1)): \$0.00

☒ None required. Please charge fees to **Deposit Account No. 50-4050.**

DO NOT USE THIS SPACE

8. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**Richard D. Shoop, Reg. No. 45,763**

**/Richard D. Shoop/**

**September 25, 2019**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: **15**

**PATENT**  
**REEL: 050491 FRAME: 0819**

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

(7) Pavel SOKOLOV (05/17/2019)  
(8) René M. STERENTAL (05/02/2019)  
(9) Jason RAMOS (05/02/2019)  
(10) Evgeniy MALASHKIN (05/06/2019)  
(11) Anna SIVAKOVA (05/20/2019)

Additional numbers attached?

☐

Yes

☒

No

This Assignment of Patent Application is between:

Adi LEVIN of Nes Tziona, ISRAEL;

Anton LAPSHIN of Nizhniy Novgorod, RUSSIAN FEDERATION;

Behnam J. FOROODIAN of Livermore, CA;

Eric P. MEYER of Pleasanton, CA;

Konstantin TENZIN of Balashikha, RUSSIAN FEDERATION;

Andrey CHEKHONIN of Moscow, RUSSIAN FEDERATION;

Pavel SOKOLOV of Moscow, RUSSIAN FEDERATION;

René M. STERENTAL of Palo Alto, CA;

Jason RAMOS of San Jose, COSTA RICA;

Evgeniy MALASHKIN of Moscow, RUSSIAN FEDERATION; and

Anna SIVAKOVA of Moscow, RUSSIAN FEDERATION

(hereinafter referred to as "Inventor") and

ALIGN TECHNOLOGY, INC., a corporation of the State of Delaware, having a place of business at 2820 Orchard Parkway, San Jose, CA 95134 (hereinafter referred to as "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

**"SYSTEMS AND METHODS FOR TREATMENT USING DOMAIN-SPECIFIC  
TREATMENT PROTOCOLS"**

for which an application for a United States Patent was filed on April 30, 2019 and assigned Application No. 16/399,847.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest of each inventor in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (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 to have been received in full from said Assignee:

1. Said Inventor does 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 hereby covenants and agrees 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 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 the 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 contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor 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, his heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

5/27/2019  
Date

  
Adi LEVIN

Date

Anton LAPSHIN

Date

Behnam J. FOROODIAN

Date

Eric P. MEYER

**ASSIGNMENT OF PATENT APPLICATION**

SG Docket No.: 1496.US.P2 / 14187-742.201

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 hereby covenants and agrees 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 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 the 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 contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date

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Anton LAPSHIN

Behnam J. FOROODIAN

Eric P. MEYER

**ASSIGNMENT OF PATENT APPLICATION**

SG Docket No.: 1496.US.P2 / 14187-742.201

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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, his heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

\_\_\_\_\_  
Date\_\_\_\_\_  
Adi LEVIN\_\_\_\_\_  
Date\_\_\_\_\_  
Anton LAPSHIN\_\_\_\_\_  
Date

5/3/2019

\_\_\_\_\_  
Behnam J. FOROODIAN\_\_\_\_\_  
Date

5/28/2019

\_\_\_\_\_  
Eric P. MEYER



ASSIGNMENT OF PATENT APPLICATION

SG Docket No.: 1496.US.P2 / 14187-742.201

Date May '07, 2019

  
Konstantin TENZIN

Date \_\_\_\_\_

\_\_\_\_\_  
Andrey CHEKHONIN

Date \_\_\_\_\_

\_\_\_\_\_  
Pavel SOKOLOV

Date \_\_\_\_\_

\_\_\_\_\_  
René M. STERENTAL

Date \_\_\_\_\_

\_\_\_\_\_  
Jason RAMOS

Date \_\_\_\_\_

\_\_\_\_\_  
Evgeniy MALASHKIN

Date \_\_\_\_\_

\_\_\_\_\_  
Anna SIVAKOVA

RECEIVED AND AGREED TO BY ASSIGNEE: Align Technology, Inc.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ASSIGNMENT OF PATENT APPLICATION**

SG Docket No.: 1496.US.P2 / 14187-742.201

Date

5/17/2019

Date

5/17/2019

Date

Date

Date

Date

Date

Konstantin TENZINAndrey CHEKHONINPavel SOKOLOVRené M. STERENTALJason RAMOSEvgeniy MALASHKINAnna SIVAKOVA

RECEIVED AND AGREED TO BY ASSIGNEE: Align Technology, Inc.

(Signature)(Date)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ASSIGNMENT OF PATENT APPLICATION**

SG Docket No.: 1496.US.P2 / 14187-742.201

Date

Konstantin TENZIN

Date

Andrey CHEKHONIN

Date

Pavel SOKOLOV

Date

2/5/19

René M. STERENTAL

Date

Jason RAMOS

Date

Evgeniy MALASHKIN

Date

Anna SIVAKOVA

RECEIVED AND AGREED TO BY ASSIGNEE: Align Technology, Inc.

(Signature)

(Date)

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

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ASSIGNMENT OF PATENT APPLICATION**

SG Docket No.: 1496.US.P2 / 14187-742.201

\_\_\_\_\_  
Date\_\_\_\_\_  
Konstantin TENZIN\_\_\_\_\_  
Date\_\_\_\_\_  
Andrey CHEKHONIN\_\_\_\_\_  
Date\_\_\_\_\_  
Pavel SOKOLOV\_\_\_\_\_  
Date\_\_\_\_\_  
René M. STERENTAL\_\_\_\_\_  
Date

5/2/2019

\_\_\_\_\_  
Jason RAMOS\_\_\_\_\_  
Date\_\_\_\_\_  
Evgeniy MALASHKIN\_\_\_\_\_  
Date\_\_\_\_\_  
Anna SIVAKOVA

RECEIVED AND AGREED TO BY ASSIGNEE: Align Technology, Inc.

\_\_\_\_\_  
(Signature)\_\_\_\_\_  
(Date)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ASSIGNMENT OF PATENT APPLICATION**

SG Docket No.: 1496.US.P2 / 14187-742.201

\_\_\_\_\_  
Date\_\_\_\_\_  
Konstantin TENZIN\_\_\_\_\_  
Date\_\_\_\_\_  
Andrey CHEKHONIN\_\_\_\_\_  
Date\_\_\_\_\_  
Pavel SOKOLOV\_\_\_\_\_  
Date\_\_\_\_\_  
René M. STERENTAL\_\_\_\_\_  
Date\_\_\_\_\_  
Jason RAMOSMay 6<sup>th</sup>, 2019\_\_\_\_\_  
Date  
Evgeniy MALASHKIN\_\_\_\_\_  
Date\_\_\_\_\_  
Anna SIVAKOVA

ASSIGNMENT OF PATENT APPLICATION

SG Docket No.: 1496.US.P2 / 14187-742.201

\_\_\_\_\_  
Date

\_\_\_\_\_  
Konstantin TENZIN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Andrey CHEKHONIN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Pavel SOKOLOV

\_\_\_\_\_  
Date

\_\_\_\_\_  
René M. STERENTAL

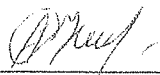
\_\_\_\_\_  
Date

\_\_\_\_\_  
Jason RAMOS

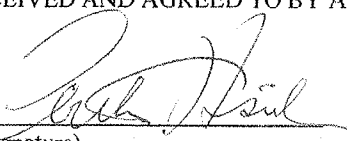
\_\_\_\_\_  
Date

\_\_\_\_\_  
Evgeniy MALASHKIN

May 20, 2019  
Date

  
Anna SIVAKOVA

RECEIVED AND AGREED TO BY ASSIGNEE: Align Technology, Inc.

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

June 24, 2019  
(Date)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

## 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

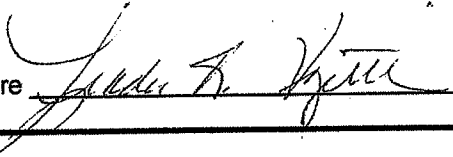
On May 3, 2019 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Behnam J. FOROODIAN, 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.

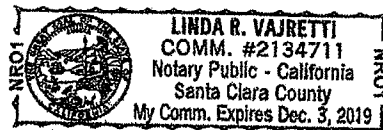
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



DOCUMENT NAME:  
Assignment 1496.US.P2

## 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

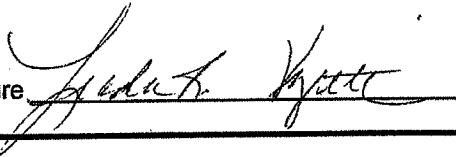
On May 2, 2019 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared 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.

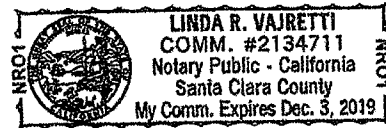
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



DOCUMENT NAME:  
Assignment 1496.US.P2



## ACKNOWLEDGMENT

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State of California  
County of Santa Clara

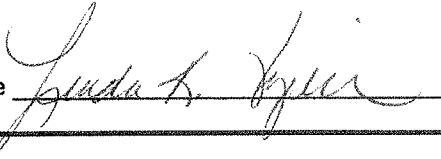
On May 28, 2019 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Eric P. MEYER, 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.

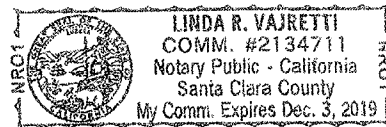
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



DOCUMENT NAME:  
Assignment 1496.US.P2