

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6334139

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CHAD C. BROWN	09/09/2020
YUN GAO	09/09/2020
PAVEL AGNIASHVILI	09/28/2020
AVRAHAM ZULTI	09/24/2020
JONATHAN COSLOVSKY	09/13/2020
CHRISTOPHER E. CRAMER	09/10/2020
ROMAN GUDCHENKO	09/11/2020
OFER SAPHIER	09/10/2020
ADI LEVIN	09/10/2020
MAAYAN MOSHE	09/10/2020
DORON MALKA	09/24/2020

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	17013513

**CORRESPONDENCE DATA****Fax Number:** (650)212-7562*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.***Phone:** 650-212-1700**Email:** info@shayglenn.com, jennifer@shayglenn.com**Correspondent Name:** SHAY GLENN LLP**Address Line 1:** 2929 CAMPUS DRIVE, SUITE 225**Address Line 4:** SAN MATEO, CALIFORNIA 94403

<b>ATTORNEY DOCKET NUMBER:</b>	14187-756.200 / 1604.US.P
<b>NAME OF SUBMITTER:</b>	JENNIFER MARCELINO
<b>SIGNATURE:</b>	/Richard D. Shoop, Reg. No. 45,763/
<b>DATE SIGNED:</b>	10/02/2020

**Total Attachments: 14**

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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) **Chad C. BROWN (09/09/2020)**  
 (2) **Yun GAO (09/09/2020)**  
 (3) **Pavel AGNIASHVILI (09/28/2020)**  
 (4) **Avraham ZULTI (09/24/2020)**  
 (5) **Jonathan COSLOVSKY (09/13/2020)**

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) – **17/013,513**

Title: **APPARATUSES AND METHODS FOR  
 THREE-DIMENSIONAL DENTAL SEGMENTATION USING  
 DENTAL IMAGE DATA**

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**  
**2929 Campus Drive, Suite 225**  
**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/**

**October 2, 2020**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: **14**

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1. Name of conveying party(ies):  
**(6) Christopher E. CRAMER (09/10/2020)**  
**(7) Roman GUDCHENKO (09/11/2020)**  
**(8) Ofer SAPHIER (09/10/2020)**  
**(9) Adi LEVIN (09/10/2020)**  
**(10) Maayan MOSHE (09/10/2020)**  
**(11) Doron MALKA (09/24/2020)**

--

Additional numbers attached?  Yes  No

This Assignment of Patent Application is between:

**Chad C. BROWN** of Cary, NC;  
**Yun GAO** of Cary, NC;  
**Pavel AGNIASHVILI** of Moscow, RUSSIAN FEDERATION;  
**Avraham ZULTI** of Modiin, ISRAEL;  
**Jonathan COSLOVSKY** of Rehovot, ISRAEL;  
**Christopher E. CRAMER** of Durham, NC;  
**Roman GUDCHENKO** of Moscow, RUSSIAN FEDERATION;  
**Ofer SAPHIER** of Rehovot, ISRAEL;  
**Adi LEVIN** of Nes Tziona, ISRAEL;  
**Maayan MOSHE** of Ramat HaSharon, ISRAEL; and  
**Doron MALKA** of Tel Aviv, ISRAEL

(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:

**"APPARATUSES AND METHODS FOR THREE-DIMENSIONAL DENTAL  
SEGMENTATION USING DENTAL IMAGE DATA"**

for which a non-provisional application for a United States Patent was filed on **September 4, 2020** and assigned Application No. **17/013,513**.

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 and said Inventor's heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that said Inventor 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:

9 Sep 2020  
Date

Chad C Brown  
Chad C. BROWN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Yun GAO

\_\_\_\_\_  
Date

\_\_\_\_\_  
Pavel AGNIASHVILI

\_\_\_\_\_  
Date

\_\_\_\_\_  
Avraham ZULTI

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.

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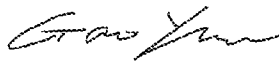
4. Said Inventor hereby warrants and represents that said Inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Chad C. BROWN**

9/9/2020  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
**Yun GAO**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Pavel AGNIASHVILI**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Avraham ZULTI**

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.

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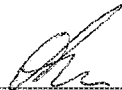
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Date

\_\_\_\_\_  
**Chad C. BROWN**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Yun GAO**

28 Sep 2020  
Date

  
\_\_\_\_\_  
**Pavel AGNIASHVILI**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Avraham ZULTI**



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.

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\_\_\_\_\_  
Date

\_\_\_\_\_  
**Chad C. BROWN**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Yun GAO**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Pavel AGNIASHVILI**

24 Sep 2020  
\_\_\_\_\_  
Date

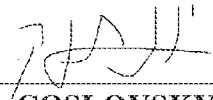
  
\_\_\_\_\_  
**Avraham ZULTI**

**ASSIGNMENT OF PATENT APPLICATION**

**SG Docket No.: 14187-756.200 / 1604.US.P**

Sep. 13 2020

Date



**Jonathan COSLOVSKY**

Date

**Christopher E. CRAMER**

Date

**Roman GUDCHENKO**

Date

**Ofer SAPHIER**

Date

**Adi LEVIN**

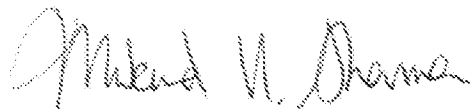
Date

**Maayan MOSHE**

Date

**Doron MALKA**

**Accepted by Align Technology, Inc. (Assignee)**



Signature

September 30, 2020

Date

Name: Mukund H. Sharma

Title: Sr. Patent Counsel

ASSIGNMENT OF PATENT APPLICATION

SG Docket No.: 14187-756.200 / 1604.US.P

Date

2020-09-10

Jonathan COSLOVSKY



Date

Christopher E. CRAMER

Date

Roman GUDCHENKO

Date

Ofer SAPHIER

Date

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Jonathan COSLOVSKY

Date

Christopher E. CRAMER

Date

11.09.2020

Roman GUDCHENKO

Date

Ofer SAPHIER

Date

Adi LEVIN

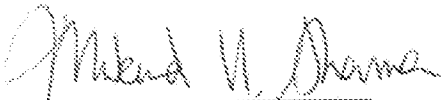
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Maayan MOSHE

Date

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Jonathan COSLOVSKY

Date

Christopher E. CRAMER

Date

Roman GUDCHENKO

10.sep.2020

Date

Ofer SAPHIER  
Ofer SAPHIER

Date

Adi LEVIN

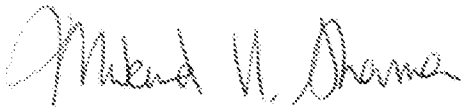
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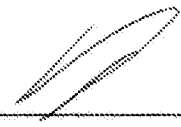
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Ofer SAPHIER

Date

9/10/2020

Adi LEVIN



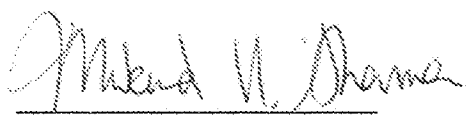
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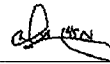
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Adi LEVIN

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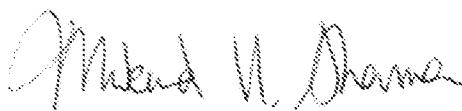


Maayan MOSHE

Date

Doron MALKA

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September 30, 2020

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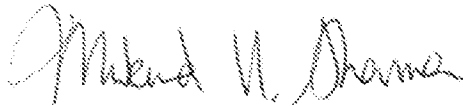
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