

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4885754

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MAURICE K. CARRIER JR.	11/13/2017
PHILLIP THOMAS HARRIS	12/06/2017
SAMUEL BLANCO	12/01/2017
ALEKSANDR SERGEEVICH KARSAKOV	11/08/2017
SEBASTIEN HARENG	12/01/2017
LEON RASOVSKY	11/17/2017
<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>
Application Number:	15803718
<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>	14187-701.200 / 1356.US.P
<b>NAME OF SUBMITTER:</b>	JENNIFER MARCELINO
<b>SIGNATURE:</b>	/Richard D. Shoop, Reg. No. 45,763/
<b>DATE SIGNED:</b>	03/27/2018
<b>Total Attachments: 11</b>	

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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) **Maurice K. CARRIER, Jr.**  
 (2) **Phillip Thomas HARRIS**  
 (3) **Samuel BLANCO**  
 (4) **Aleksandr Sergeevich KARSAKOV**  
 (5) **Sebastien HARENG**  
 (6) **Leon RASOVSKY**

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

**EXECUTION DATE(S): (1) 11/13/2017**  
**(2) 12/06/2017 (3) 12/01/2017 (4) 11/08/2017**  
**(5) 12/01/2017 (6) 11/17/2017**

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) – **15/803,718**

Title: **METHODS AND APPARATUSES FOR DENTAL IMAGES**

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/**

**March 27, 2018**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: **11**

**PATENT**  
**REEL: 045363 FRAME: 0235**

This Assignment of Patent Application is between:

**Maurice K. CARRIER, Jr.** of Durham, NC;

**Phillip Thomas HARRIS** of Cary, NC;

**Sergey VINNICHENKO** of Cary, NC;

**Samuel BLANCO** of Santa Clara, CA;

**Aleksandr Sergeevich KARSAKOV** of Nizhny Novgorod, RUSSIA;

**Sebastien HARENG** of San Jose, CA; and

**Leon RASOVSKY** of Sunnyvale, CA

(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:

**"METHODS AND APPARATUSES FOR DENTAL IMAGES"**

for which an application for a United States Patent was filed on **November 3, 2017** and assigned Application No. **15/803,718**.

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

**ASSIGNMENT OF PATENT APPLICATION****SG Docket No.: 14187-701.200 / 1356.US.P**


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:

11/13/17  
Date

  
Maurice K. CARRIER, Jr.

Date

Phillip Thomas HARRIS

Date

Sergey VINNICHENKO

Date

Samuel BLANCO

Date

Aleksandr Sergeevich KARSAKOV

**ASSIGNMENT OF PATENT APPLICATION****SG Docket No.: 14187-701.200 / 1356.US.P**

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

12/6/17

\_\_\_\_\_  
Date\_\_\_\_\_  
**Maurice K. CARRIER, Jr.**\_\_\_\_\_  
**Phillip Thomas HARRIS**\_\_\_\_\_  
Date\_\_\_\_\_  
**Sergey VINNICHENKO**\_\_\_\_\_  
Date\_\_\_\_\_  
**Samuel BLANCO**\_\_\_\_\_  
Date\_\_\_\_\_  
**Aleksandr Sergeevich KARSAKOV**

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

\_\_\_\_\_  
Date\_\_\_\_\_  
**Maurice K. CARRIER, Jr.**\_\_\_\_\_  
Date\_\_\_\_\_  
**Phillip Thomas HARRIS**\_\_\_\_\_  
Date\_\_\_\_\_  
**Sergey VINNICHENKO**\_\_\_\_\_  
Date

12/1/17

   
\_\_\_\_\_  
**Samuel BLANCO**\_\_\_\_\_  
Date\_\_\_\_\_  
**Aleksandr Sergeevich KARSAKOV**

**ASSIGNMENT OF PATENT APPLICATION**

SG Docket No.: 14187-701.200 / 1356.US.P

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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:

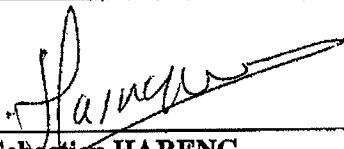
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Date\_\_\_\_\_  
Sergey VINNICHENKO\_\_\_\_\_  
Date\_\_\_\_\_  
Samuel BLANCO\_\_\_\_\_  
Date

11/8/2017

\_\_\_\_\_  
Aleksandr Sergeevich KARSAKOV

**ASSIGNMENT OF PATENT APPLICATION****SG Docket No.: 14187-701.200 / 1356.US.P**

12/1/2017  
Date

  
Sebastien HARENG

\_\_\_\_\_  
Date

\_\_\_\_\_  
Leon RASOVSKY

ASSIGNMENT OF PATENT APPLICATION

SG Docket No.: 14187-701.200 / 1356.US.P

Date

17 NOV 2017

Date

Sebastien HARENG



Leon RASOVSKY

## 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

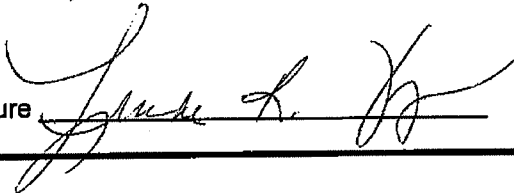
On December 1, 2017 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Samuel BLANCO, 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.

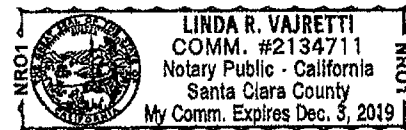
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



DOCUMENT NAME:

Assignment 1356.US.P

## 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.

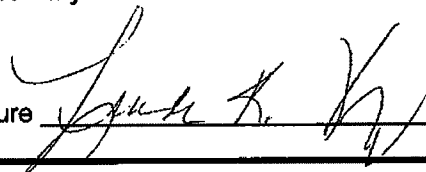
State of California  
County of Santa Clara

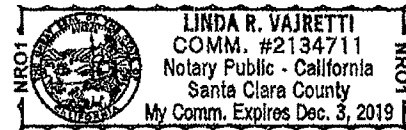
On December 1, 2017 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Sebastien HARENG, 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 1356.US.P

## ACKNOWLEDGMENT

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State of California  
County of Santa Clara

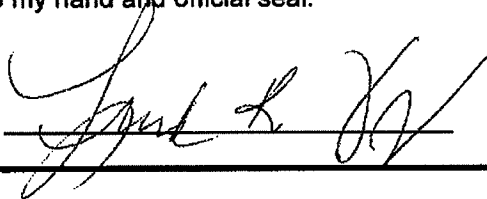
On November 17, 2017 before me, Linda R. Vajretti, Notary Public  
(insert name and title of the officer)

personally appeared Leon RASOVSKY, 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.

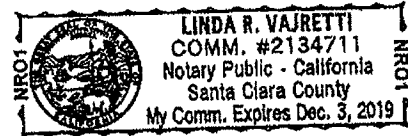
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



DOCUMENT NAME:

Assignment  
1356.US.P