505021383 07/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5068131

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|----------------------------|----------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| PAVEL POKOTILOV | | 04/09/2018 |
| DMITRY YURIEVICH CHEKH | | 04/04/2018 |
| DMITRIY KONSTANTINOVICH T | EN | 04/05/2018 |
| SAMUEL BLANCO | | 04/26/2018 |
| DAVID PATRICK LOPES | | 06/28/2018 |
| JASON RAMOS | | 04/10/2018 |
| RENE M. STERENTAL | | 04/02/2018 |
| EVGENII VLADIMIROVICH KARN | IYGIN | 05/07/2018 |
| VLADISLAV ANDREEVICH MIRY | АНА | 04/04/2018 |
| BORIS ALEKSANDROVICH VYS | OKANOV | 04/04/2018 |
| YURY A. BRAILOV | | 04/04/2018 |
| ARTEM KUANBEKOV | | 07/10/2018 |

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: | 15926952 |

CORRESPONDENCE DATA

Fax Number:

(206)883-2699

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.Email:kchance@wsgr.comCorrespondent Name:WILSON SONSINI GOODRICH & ROSATIAddress Line 1:650 PAGE MILL ROAD

| Address Line 4: | PALO ALTO, CALIFORNIA 94304 |
|-----------------|-----------------------------|
| | |

| ATTORNEY DOCKET NUMBER: | 22773-881.203 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | KEVIN J. CHANCE |
| SIGNATURE: | /Kevin J. Chance/ |
| DATE SIGNED: | 07/26/2018 |

Total Attachments: 17

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JOINT.

WHEREAS, Pavel POKOTILOV of Moscow, Russia; Dmitry Yurievich CHEKH of Moscow, Russia; Dmitriy Konstantinovich TEN of Novosibirsk, Russia; Samuel BLANCO of Saratoga, California, United States; David Patrick LOPES of El Dorado Hills, California, United States; Jason RAMOS of Heredia, Costa Rica; Rene M. STERENTAL of Palo Alto, California, United States; Evgenii Vladimirovich KARNYOIN of Moscow, Russia; Vladislav Andreevich MIRYAHA of Engels, Russia; Boris Aleksandrovich VYSOKANOV of Moscow, Russia; Yury A. BRAILOV of Moscow, Russia; and Artem KUANBEKOV of Moscow, Russia, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

| Title of Invention: | AUTOMATED 2D/3D INTEGRATION AND LIP SPLINE AUTOPLACEMENT |
|---------------------|---|
| Filing Date: | March 20, 2018 |
| Application No.: | 15/926,952 |

WHEREAS, Align Technology, Inc., a corporation of the state of Delaware, located at 2820 Orchard Parkway, San Jose, California 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assigners had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 9 April 2018

Pavel FOROTILOV

Dated:_____

Dated:

Dmitrly Konstantinovich TEN

Dated:

Samuel BLANCO

| David Patrick LOPES |
|--------------------------------|
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| Jason RAMOS |
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| Rene M. STERENTAL |
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| Evgenii Vladimirovich KARNYGIN |
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| Vladíslav Andreevich MIRYAHA |
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| Boris Aleksandrovich VYSOKANOV |
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| Yury A. BRAILOV |
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| Artem KUANBEKOV |
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WSGR Reference No.: 22773-581.203 Align Reference No.: 1388.US.P3

ASSIGNMENT OF NONPROVISIONAL PATENT APPLICATION

JOINT

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| Dated: | *** | | ***** |
|--------|-------|---|-------|
| Dated: | April | 4 | 2018 |

Pavel POKOTILOV

Dated:

Dated:

Dmitriy Konstantinovich TEN

Samuel BLANCO

| Assignment | |
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| Application No.: 15/926,952 | |
| Attorney Docket No.: 22773-881.203 | |
| Page 2 | |

| Dated: | |
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| | David Patric |
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| A | Jason RAM |
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| | Rene M. ST |
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| | Evgenii Vlad |
| Dated: April 4, 2018 | U |
| | Vladislay Ap |
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| A + b | Boris Aleksa |
| Dated: April 4, 2018 | |
| | Yury A. BRA |
| Dated: | |

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Dated:

Pavel POKOTILOV

Dmitry Yurievich CHEKH

Dated:

| Dated: | Apr | -:1 | 5, | 2018 |
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Dmitriy Konstantinovich TEN

Dated:

Samuel BLANCO

| Dated: | |
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| | David Patrick LOPES |
| Dated: | Jason RAMOS |
| Dated: | Rene M. STERENTAL |
| Dated: | Evgenii Vladimirovich KARNYGIN |
| Dated: | Vladislav Andreevich MIRYAHA |
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Dated:

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Dated: <u>4/26/18</u>2

Pavel POKOTILOV

Dmitry Yurievich CHEKH

Dmitriy Konstantinovich TEN

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Samuel BLANCO

| Dated: | 6/27/17_ |
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| State of California County ofSanta | Clara) | |
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| within instrument and ac authorized capacity(ies). | knowledged to me that he/s and that by his/her/their sig | hose name(s) is/are subscribed to the she/they executed the same in his/her/their gnature(s) on the instrument the person(s), ad, executed the instrument. |
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| _{On} April 26, 20 | 18 | before me. | Linda R. Va | ijretti, Notary F ame and title of | Public |
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Assignment 1388.US.P3

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| Dated: | Pavel POKOTILOV |
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| Dated: | Dmitriy Konstantinovich TEN |
| Dated: | Sannucl BLANCO |

| | David Patrick LOPES |
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| eđ: | |
| | Vladislav Andreevich MIRYAHA |
| ed: | |
| | Boris Aleksandrovich VYSOKANOV |
| ed: | |
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| Dated: | Samuel BLANCO |

| Dated: | |
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| | David Patrick LOPES |
| Dated: 10/4/2018 | Joson TM Jason RAMOS |
| | Jason RAMOS |
| Dated: | |
| | Rene M. STERENTAL |
| Dated: | |
| | Evgenii Vladimirovich KARNYGIN |
| Dated: | |
| | Vladislav Andreevich MIRYAHA |
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| Dated: | |
| | Boris Aleksandrovich VYSOKANOV |
| Dated: | |
| | Yury A. BRAILOV |
| Parts 1 | |
| Dated: | Artem KUANBEKOV |
| | 2732 CV K CA K X X 2732 Y 2732 |

WSGR Reference No.: 22773-881.203 Align Reference No.: 1388.US.P3

ASSIGNMENT OF NONPROVISIONAL PATENT APPLICATION

JOINT

WHEREAS, Pavel POKOTILOV of Moscow, Russia; Dmitry Yurievich CHEKH of Moscow, Russia; Dmitriy Konstantinovich TEN of Novosibirsk, Russia; Samuel BLANCO of Saratoga, California, United States; David Patrick LOPES of El Dorado Hills, California, United States; Jason RAMOS of Heredia, Costa Rica; Rene M. STERENTAL of Palo Alto, California, United States; Evgenii Vladimirovich KARNYGIN of Moscow, Russia; Vladislav Andreevich MIRYAHA of Engels, Russia; Boris Aleksandrovich VYSOKANOV of Moscow, Russia; Yury A. BRAILOV of Moscow, Russia; and Artem KUANBEKOV of Moscow, Russia, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

| Title of Invention: | AUTOMATED 2D/3D INTEGRATION AND LIP SPLINE AUTOPLACEMENT |
|---------------------|---|
| Filing Date: | March 20, 2018 |
| Application No.: | 15/926,952 |

WHEREAS, Align Technology, Inc., a corporation of the state of Delaware, located at 2820 Orchard Parkway, San Jose, California 95134, hereinafter referred to as "ASSIGNEE." is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

| Dated: | |
|--------|-----------------------------|
| | Pavel POKOTILOV |
| Dated: | |
| | Dmitry Yurievich CHEKH |
| Dated: | |
| | Dmitriy Konstantinovich TEN |
| Dated: | |
| | Samuel BLANCO |

| Dated: | |
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| | David Patrick LOPES |
| Dated: | |
| | Jason RAMOS |
| Dated: | |
| | Rene M. STERENTAL |
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| | Evgenii Vladimirovich KARNYGIN |
| Dated: | |
| | Vladislav Andreevich MIRYAHA |
| Dated: | |
| | Boris Aleksandrovich VYSOKANOV |
| Dated: | |
| | Yury A. BRAILOV |
| Dated: JUL 10, 2018 | fages |
| · | Artem KUANBEKOV |

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RECORDED: 07/26/2018