505140571 10/15/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5187336

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AVI KOPELMAN	08/27/2014
SHIVA SAMBU	09/05/2014
RENE M. STERENTAL	08/27/2014
ERIC KUO	08/27/2014
MAURICIO DE ALENCAR CASA	08/21/2014

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:	16159261

CORRESPONDENCE DATA

Fax Number:

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: align.docketing@bipl.net

Correspondent Name: BROOKS, CAMERON & HUEBSCH, PLLC
Address Line 1: 1201 MARQUETTE AVENUE SOUTH

Address Line 2: SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	1260.US.C1.C1.C1	
NAME OF SUBMITTER:	JEFFERY L. CAMERON	
SIGNATURE:	/Jeffery L. Cameron/	
DATE SIGNED:	10/15/2018	

Total Attachments: 8 source=00672487#page1.tif

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PATENT REEL: 047158 FRAME: 0200

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PATENT REEL: 047158 FRAME: 0201

ASSIGNMENT

WHEREAS, WE, Avi Kopelman, residing at 776 Josina Ave Palo Alto, CA, 94306, Shiva Sambu, residing at 925 Courtland Ct., Milpitas, CA, 95035, Rene M. Sterental, residing at 3473 Park Boulevard, Palo Alto, CA, 94306, and Eric Kuo, residing at 32 Muller Place, San Jose, CA, 95126, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States entitled ARCH EXPANDING APPLIANCE, filed concurrently herewith.

AND WHEREAS, <u>Align Technology</u>, <u>Inc.</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>2560 Orchard Parkway</u>, <u>San Jose</u>, <u>CA 95131</u>, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements, and application and in and to the Letters Patent to be obtained therefore;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Assignee, its successors or assigns, the right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment for all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patent and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute, and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to more effectually secure and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned, and conveyed, or intended so to be.

Rev. 01/13

PATENT REEL: 047158 FRAME: 0202 Attorney Docket No.: 1260.US.P (1300.0710001)
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AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

EXECUTED as of the date(s) set forth below on behalf of the ASSIGNOR:

Avi Kopelman

Shiva Sambu

Rene M. Sterental

Eric Kuo

Date: 8-27-14

Date: $\frac{9-05-14}{}$

Date:

Date: 8/27/2014

State of California County of Santa Clara)	
On August 27, 2014	_ before me,	Linda R. Vajretti, Notary Public
		(insert name and title of the officer)
personally appearedEric Kuc)	
subscribed to the within instrument his/her/their authorized capacity(ie	t and acknow s), and that b	vidence to be the person(s) whose name(s) is/are ledged to me that he/she/they executed the same in by his/her/their signature(s) on the instrument the person(s) acted, executed the instrument.
I certify under PENALTY OF PER- paragraph is true and correct.	JURY under t	he laws of the State of California that the foregoing
WITNESS my hand and official se	al.	LINDA R. VAJRETTI COMM. NO. 1962847 M NOTARY PUBLIC - CALIFORNIA S COUNTY OF SANTA CLARA 1 COMM. EXPIRES DEC. 3, 2015

State of California County ofSanta Clara)
On August 27, 2014 before me, Linda R. Vajretti, Notary Public (insert name and title of the officer)
personally appeared, 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 AAAA (Seal)

State of California County ofSanta Clara)	
On August 27, 2014 before me, Linda R. V	Vajretti, Notary Public ame and title of the officer)
personally appeared	e that he/she/they executed the same in ir signature(s) on the instrument the
I certify under PENALTY OF PERJURY under the laws of the paragraph is true and correct.	e State of California that the foregoing
WITNESS my hand and official seal. Signature Jaka J. Wyuu (Seal)	LINDA R. VAJRETTI COMM. NO. 1962847 M NOTARY PUBLIC - CALIFORNIA S COUNTY OF SANTA CLARA 1 COMM. EXPIRES DEC. 3, 2015

State of California County of
On September 5, 2014 before me, Linda R. Vajretti, Notary Public (insert name and title of the officer)
personally appeared Shive Sambu, 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. LINDA R. VAJRETTI COMM. NO. 1962847 M COUNTY OF SANTA CLARA 1 COMM. EXPIRES DEC. 3, 2015

ASSIGNMENT

WHEREAS, I Mauricio de Alencar Casa, residing in São Paulo, Brazil, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States entitled ARCH EXPANDING APPLIANCE, filed concurrently herewith.

AND WHEREAS, <u>Align Technology</u>, <u>Inc.</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>2560 Orchard Parkway</u>. San Jose, <u>CA 95131</u>, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements, and application and in and to the Letters Patent to be obtained therefore:

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Assignee, its successors or assigns, the right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment for all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patent and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute, and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to more effectually secure and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned, and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

		Date: 08/21/14
Mauricio de Alençar Cas	S3	
		Date: