

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5651204

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
JAMES C. CULP			09/21/2011
<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>	16512289		
<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		
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<b>ATTORNEY DOCKET NUMBER:</b>	14187-71X.303		
<b>NAME OF SUBMITTER:</b>	JENNIFER MARCELINO		
<b>SIGNATURE:</b>	/Richard D. Shoop, Reg. No. 45,763/		
<b>DATE SIGNED:</b>	08/02/2019		
<b>Total Attachments: 3</b>			
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source=1203-US-C1-C2-C1_14187-71X-303_Assignment_08-01-19#page3.tif			

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.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) James C. CULP**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) 09/21/2011**

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) – **16/512,289**Title: **LASER CUTTING**

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/****August 2, 2019**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: **3**

## ASSIGNMENT

WHEREAS, I, James C. Culp, residing at 6913 Corte Monterey, Pleasanton, CA 94566, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States entitled LASER CUTTING.

WHEREAS, I hereby authorize and request my attorneys, as listed on the Combined Declaration and Power of Attorney, at Brooks, Cameron & Huebsch, PLLC., located at 1221 Nicollet Avenue, Suite 500, Minneapolis, MN 55403, to insert here in parentheses (Serial No. 13/239,173; Filing Date: September 21, 2011) the application number and filing date of said application when known.

AND WHEREAS, Align Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2560 Orchard Parkway, San Jose, CA 95131, (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; I do hereby authorize Assignee to claim priority to another application, if necessary; 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 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of Sept, 2011.

James C. Culp  
James C. Culp

STATE OF \_\_\_\_\_)

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_ day of \_\_\_\_\_, 2011 before me personally appeared James C. Culp known to me or identified as the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

State of California  
County of Santa Clara  
On 9/21/11 before me, Sheryl K. Zipse Notary Public  
personally appeared James C. Culp  
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.

WITNESS my hand and official seal.

Sheryl K. Zipse  
Notary Public

