# 505364384 03/08/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5411174

UBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
SHOMA KUGA			05/11/2018
RECEIVING PARTY DA	1		
Name:	KEYENCE CORPORATION 1-3-14, HIGASHINAKAJIMA, HIGASHIYODOGAWA-KU		
			ι-KU
	ternal Address: OSAKA-SHI		
City:	OSAKA		
State/Country:	-		
Postal Code:	533-8555		
PROPERTY NUMBERS	Total: 1		
Property Type		Number	
		Itallisol	
Application Number:	162	296264	
Application Number:	162	296264	
Application Number: CORRESPONDENCE		296264	
CORRESPONDENCE	DATA	296264	
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	DATA (54 pe sent to th	0)428-1720 <b>e e-mail address first; if that is unsucce</b>	
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	DATA (54 pe sent to th provided; if	.0)428-1720	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	DATA (54 pe sent to th provided; if 54( lkily	0)428-1720 <b>e e-mail address first; if that is unsucce</b> <b>that is unsuccessful, it will be sent via</b> 04281701 yk@kbpatentlaw.com	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name:	DATA (54 pe sent to th provided; if 54(  kily LUI	0)428-1720 <b>e e-mail address first; if that is unsucce</b> <b>that is unsuccessful, it will be sent via</b> 04281701 yk@kbpatentlaw.com KE A. KILYK	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	DATA (54 provided; if 540 Ikily LUI 400	0)428-1720 e e-mail address first; if that is unsucce t that is unsuccessful, it will be sent via 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (54 provided; if 54( lkily LUI 40( KIL	0)428-1720 <b>e e-mail address first; if that is unsucces</b> <b>t that is unsuccessful, it will be sent via</b> 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102 .YK & BOWERSOX, P.L.L.C.	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	DATA (54 provided; if 54( lkily LUI 40( KIL	0)428-1720 e e-mail address first; if that is unsucce t that is unsuccessful, it will be sent via 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (54 provided; if 540 Ikily LUI 400 KIL	0)428-1720 <b>e e-mail address first; if that is unsucces</b> <b>t that is unsuccessful, it will be sent via</b> 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102 .YK & BOWERSOX, P.L.L.C.	
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (54 provided; if 540 [kily LU] 400 KIL WA	0)428-1720 e e-mail address first; if that is unsucces that is unsuccessful, it will be sent via 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102 .YK & BOWERSOX, P.L.L.C. ARRENTON, VIRGINIA 20186	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (54 provided; if 540 [kily LU] 400 KIL WA	0)428-1720 e e-mail address first; if that is unsucces that is unsuccessful, it will be sent via 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102 YK & BOWERSOX, P.L.L.C. ARRENTON, VIRGINIA 20186 3110-241-01	
CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NE	DATA (54 provided; if 540 [kily LU] 400 KIL WA	0)428-1720 e e-mail address first; if that is unsuccess that is unsuccessful, it will be sent via 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102 YK & BOWERSOX, P.L.L.C. ARRENTON, VIRGINIA 20186 3110-241-01 LUKE A. KILYK	
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NO NAME OF SUBMITTER: SIGNATURE:	DATA (54 provided; if 540 [kily LU] 400 KIL WA	0)428-1720 <b>e e-mail address first; if that is unsucces</b> <b>t that is unsuccessful, it will be sent via</b> 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102 .YK & BOWERSOX, P.L.L.C. ARRENTON, VIRGINIA 20186 3110-241-01 LUKE A. KILYK /luke a kilyk/	
CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N IAME OF SUBMITTER: GIGNATURE: DATE SIGNED:	DATA (54 pe sent to th provided; if 54( Ikily LUI 40( KIL WA UMBER:	20)428-1720 e e-mail address first; if that is unsuccess that is unsuccessful, it will be sent via 04281701 yk@kbpatentlaw.com KE A. KILYK 0 HOLIDAY COURT, SUITE 102 YK & BOWERSOX, P.L.L.C. ARRENTON, VIRGINIA 20186 3110-241-01 LUKE A. KILYK /luke a kilyk/ 03/08/2019 241-01#page1.tif	

#### ASSIGNMENT

SOLE/JOINT INVENTION

(Worldwide Rights)

WHEREAS We, the below named inventors. [hereinafter referred to as Assignors], have made an invention entitled:

### CONFOCAL DISPLACEMENT SENSOR

for which We filed an application for United States Letters patent on \_\_\_\_\_\_, as Application No.

WHEREAS, <u>Kevence Corporation</u> (Full Name of Assignee), a corporation of <u>JAPAN</u>, (State or Country of Incorporation) whose post office address is <u>1-3-14</u>, <u>Higashinakajima</u>, <u>Higashivodogawa-ku</u>, <u>Osaka-shi</u>, <u>Osaka</u>, <u>JAPAN</u> (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged. We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

SS.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of \_\_\_\_\_

)
State of \_\_\_\_\_ )

Subscribed and sworn to before me this \_\_\_\_\_ day

of\_\_\_\_\_,2018

\_\_\_\_\_ Notary Public

SEAL

## PATENT REEL: 048537 FRAME: 0532

FULL NAME OF FIRST INVENTOR: Shoma KUGA		
Address: c/o Keyence Corporation 1-3-14 Higashinakajima, Higashiyodogawa-ku, Osaka-shi, Osaka, JAPAN		
Signature: Shoma Kuga		
Date: May / 11 / 2018		

RECORDED: 03/08/2019