505637045 08/23/2019

EPAS ID: PAT5683851

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOYOHIKO AKATA	08/01/2019
SUBEI SHUN	08/01/2019
SHIGEAKI SHINGYOCHI	08/01/2019

RECEIVING PARTY DATA

Name:	NIDEC COPAL ELECTRONICS CORPORATION	
Street Address: 7-5-25, NISHI-SHINJUKU, SHINJUKU-KU		
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	160-0023	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16549231

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.

Phone: 313-393-5400

Email: docketing@burrisiplaw.com

Correspondent Name: BURRIS LAW, PLLC

Address Line 1: 300 RIVER PLACE DRIVE, SUITE 1775

Address Line 4: DETROIT, MICHIGAN 48207

ATTORNEY DOCKET NUMBER:	0347-000014/US/NPA
NAME OF SUBMITTER:	JULIA L. ZAMLER
SIGNATURE:	/julia I zamler/
DATE SIGNED:	08/23/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=0347-000014USNPA_DeclarationsAssignments#page1.tif source=0347-000014USNPA_DeclarationsAssignments#page2.tif source=0347-000014USNPA_DeclarationsAssignments#page3.tif

PATENT 505637045 REEL: 050147 FRAME: 0356

Attorney Customer No 110407 P16019 (17S0404P1)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Invention	THE STRAIN BODY AND FORCE SENSOR PROVIDED WITH	
As the below n This declaratio is directed to:	amed inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on(If any).	
The above-ider	tified application was made or authorized to be made by me.	
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, NIDEC COPAL ELECTRONICS CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 7-5-25, Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-0023, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
Inventor:	ovohiko Akata Date: August 1, 2019	
Signature:	Toyohiko Akata	

Attorney Customer No 110407 P16019 (1780404P1)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	STRAIN BODY AND FORCE SENSOR PROVIDED WITH THE STRAIN BODY
As the below n This declaration is directed to:	amed inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on (If any).
The above-iden	tified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
having places of acquiring the e	IDEC COPAL ELECTRONICS CORPORATION (hereinafter referred to as "ASSIGNEE") of business at: 7-5-25, Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-0023, Japan, is desirous of ntire right, title and interest in and to said invention and in and to any Letters Patent that may be re in the United States and its territorial possessions and in any and all foreign countries;
acknowledged, said ASSIGNE possessions and Convention and entire right, title and its territori	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto E, the full and exclusive right to the said invention in the United States and its territorial in all foreign countries (including the right to claim priority under the terms of the International dother relevant International Treaties and Arrangements from the aforesaid application) and the e and interest in and to any and all Letters Patent which may be granted therefor in the United States all possessions and in any and all foreign countries and in and to any and all divisions, reissues, substitutions and renewals thereof.
any and all fore assignee of my (his) successors	torize and request the Patent Office Officials in the United States and its territorial possessions and eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and ame would have been held by me had this Assignment and sale not been made.
respecting said continuation, so and all of said l possible to aid	ree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, abstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said United States and its territorial possessions and in any and all foreign countries.
1001 by fine or	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
	OF INVENTOR
Inventor: S	ubei Shun Date: August 1, 2019 Shun Subei
Signature:	show Subei

CONTROL OF THE PATENT OF THE P

Attorney Customer No 110407 P16019 (1780404P1)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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As the below n This declaration is directed to:	amed inventor, I hereby declare that: n	
The above-iden	atified application was made or authorized to be made by me.	
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, <u>NIDEC COPAL ELECTRONICS CORPORATION</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>7-5-25</u> , <u>Nishi-Shinjuku</u> , <u>Shinjuku-ku</u> , <u>Tokyo 160-0023</u> , <u>Japan</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
acknowledged, said ASSIGNE possessions and Convention and entire right, title and its territori	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto EE, the full and exclusive right to the said invention in the United States and its territorial in all foreign countries (including the right to claim priority under the terms of the International dother relevant International Treaties and Arrangements from the aforesaid application) and the earn interest in and to any and all Letters Patent which may be granted therefor in the United States all possessions and in any and all foreign countries and in and to any and all divisions, reissues, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
	higeaki Shingyochi Date: August 1, 2019	
Signature: _S	higenki Shingyoch;	

PATENT

RECORDED: 08/23/2019

REEL: 050147 FRAME: 0359