505151814 10/22/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5198581

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENG-AN TSAI	09/21/2018
LU-LUNG TSAO	09/21/2018
YU-CHING TSAI	09/21/2018

RECEIVING PARTY DATA

Name:	QUANTA COMPUTER INC.
Street Address:	NO. 188, WENHUA 2ND RD.
Internal Address:	GUISHAN DIST.
City:	TAOYUAN CITY
State/Country:	TAIWAN
Postal Code:	333

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16166271

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: Imurphy@dsiplaw.com
Correspondent Name: SERVILLA WHITNEY LLC
Address Line 1: 33 WOOD AVENUE SOUTH

Address Line 2: SUITE 830

Address Line 4: ISELIN, NEW JERSEY 08830

ATTORNEY DOCKET NUMBER:	NP-22744-US
NAME OF SUBMITTER:	SCOTT S. SERVILLA
SIGNATURE:	/Scott S. Servilla, Reg. #40806/
DATE SIGNED:	10/22/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3 source=00769170#page1.tif

PATENT 505151814 REEL: 047278 FRAME: 0361

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> PATENT REEL: 047278 FRAME: 0362

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

/R:N /NE E E.	ACATION DATA SEEDI (3) CERTI, (6) AND ASSIGNAID AT
Title of Invention	ROBOTIC SYSTEM
As the below named inv	i. enior, I hereby declare that:
	re attached application, or nited States application number filed on
I believe that I am the or I bereby acknowledge th by fine or imprisonment Note to Inventor: 37 C I unless that person has re	plication was made or authorized to be made by me. riginal inventor of an original joint inventor of a claimed invention in the application. lat any willful talse statement made in this declaration is punishable under 18 U.S.C. 1001 of not more than five (5) years, or both. R. § 1.63(c) states: "A person may not execute an oath or declaration for an application. wiewed and understands the contents of the application, including the claims, and is aware the Office all information known to the person to be material to patentsbility as defined in
I hereby sell, assign, and hereby acknowledged, a	I transfer, for good and valuable consideration, the receipt and sufficiency whereof is o:
Quanta Compute	r Inc.
(Name of Assignee) of <u>No. 188, Wenhus In</u> (address of Assignee)	d Rd., Guishan Dist., Taoyuan City 333, Taiwan, R.O.C.
in and to all inventions all divisions, continuation there from, and all reissa shall be filed in any fore assignment of all rights countries which may be and Tratiemarks to issue the said Assignce as the Assignee, its successors applications as the Assignee as the Assignee.	thereinafter designated as the Assignee) my entire right, title and interest for all countries and improvements disclosed in the aforesaid application, and in and to the said application, ons, continuations-in-part, or renewals thereof, all Letters Patent which may be granted set or extensions of such patents, and in and to any and all applications which have been or tight countries for Letters Patent on the said inventions and improvements, including an under the provisions of the International Convention, and all Letters Patent of foreign granted there from; and I do hereby authorize and request the Commissioner of Patents any and all United States Letters Patent for the aforesaid inventions and improvements to assignee of the entire right, title and interest in and to the same, for the use of the said and assigns. I also agree to execute separate assignments in connection with such the may deem necessary or expedient.
instruments in writing it documents, and will con relating to said improver generally do all things w its successors or assigns	and my executors and legal representatives will make, execute and deliver any and all other actuding any and all further application papers, affidavits, assignments and other amountcate to said Assignee, its successors and representatives all facts known to me ments and the history thereof and at no cost to me will testify in all legal proceedings and which may be necessary or desirable more effectually to secure to and vest in said Assignee, the entire right, title and interest in and to the said improvements, inventions, applications, les, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so
other agreement affectin	th said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or g the rights and property herein conveyed has been made to others by me and that full as herein expressed is possessed by me.
with this application in a	ers necessary in connection with any post-grant proceeding which may occur in connection it countries or continuation, divisional or reissue thereof and to cooperate with the Assignee obtaining evidence and going forward with such post-grant proceeding.
l agree to perform all aff Assignee	innative acts which may be necessary to obtain a grant of a valid patent in all countries to the
Inventor (Legal Nan Signature: <u> </u>	ne): Sheng-An TSAI Date: September 21, 2018

PATENT REEL: 047278 FRAME: 0363 NP-22744-US

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

Title of Invention	ROBOTIC SYSTEM
As the below named invi	entor, I hereby declare that
This declaration (v) This is directed to: () Ur	e attached application, or nited States application or PCT international application number filed on
I believe that I am the or I hereby acknowledge the by fine or imprisonment Note to inventor, 37 C.F unless that person has re-	olication was made or authorized to be made by me. Iginal inventor or an original joint inventor of a claimed invention in the application. It any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 of not more than five (5) years, or both. IR. § 1.63(c) states: "A person may not execute an oath or declaration for an application viewed and understands the contents of the application, including the claims, and is aware the Office all information known to the person to be material to patentability as defined in
I hereby sell, assign, and hereby acknowledged, to	transfer, for good and valuable consideration, the receipt and sufficiency whereof is
Quanta Computer (Name of Assignce) of No. 188, Weahas 2nd (address of Assignee)	r Inc. I Rd., Guishan Dist., Taoyuan City 333, Taiwan, R.O.C.
in and to all inventions at all divisions, continuation there from, and all reissushall be filed in any foreit assignment of all rights a countries which may be and Trademarks to issue the said Assignee as the Assignee, its successors	(hereinafter designated as the Assignce) my entire right, title and interest for all countries and improvements disclosed in the aforesaid application, and in and to the said application, as, continuations-in-part, or renewals thereof, all Letters Patent which may be granted as or extensions of such patents, and in and to any and all applications which have been or go countries for Letters Patent on the said inventions and improvements, including an under the provisions of the International Convention, and all Letters Patent of foreign granted there from and I do hereby authorize and request the Commissioner of Patents any and all United States Letters Patent for the aforesaid inventions and improvements to assignee of the entire right, title and interest in and to the same, for the use of the said and assigns. I also agree to execute separate assignments in connection with such see may deem necessary or expedient.
instruments in writing in documents, and will com- relating to said improves generally do all things will its successors or assigns it	nd my executors and legal representatives will make, execute and deliver any and all other cluding any and all further application papers, affidavits, assignments and other municate to said Assignoe, its successors and representatives all facts known to meterms and the history thereof and at no cost to me will testify in all legal proceedings and high may be necessary or desirable more effectually to secure to and vest in said Assignee, the entire right, title and interest in and to the said improvements, inventions, applications, es, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so
other agreement affecting	t said Assignee, its successors and assigns, that no assignment, grant, mortgage. Ficense or given the rights and property herein conveyed has been made to others by me and that full as herein expressed is possessed by me.
with this application in al-	ars necessary in connection with any post-grant proceeding which may occur in connection be countries or continuation, divisional or reissue thereof and to cooperate with the Assignee obtaining evidence and going forward with such post-grant proceeding.
I agree to perform all affir Assignce	rmative acts which may be necessary to obtain a grant of a valid patent in all countries to the
Inventor (Legal Nam Signature: <u>Zu</u> - C	e): Lu-Lung TSAO September 21, 2018 Date:

PATENT REEL: 047278 FRAME: 0364 NP-22744-US

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

AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT	
Title of Invention	ROBOTIC SYSTEM
As the below named my	entor, I hereby declare that:
	e attached application, or nited States application or PCT international application number tiled on
I believe that I am the or I hereby acknowledge th by fine or imprisonment Note to Inventor, 37 C.F unless that person has re	olication was made or authorized to be made by me. Iginal inventor or an original joint inventor of a claimed invention in the application. at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 of not more than five (5) years, or both. If § 1.63(c) states: "A person may not execute an oath or declaration for an application viewed and understands the contents of the application, including the claims, and is aware the Office all information known to the person to be material to patentability as defined in
I hereby sell, assign, and hereby acknowledged, to	transfer, for good and valuable consideration, the receipt and sufficiency whereof is t
(address of Assignor) its successors or assigns in and to all inventions a all divisions, continuatio	IRd., Guishan Dist., Taoyuan City 333, Taiwan, R.O.C. (hereinafter designated as the Assignce) my entire right, title and interest for all countries and improvements disclosed in the alforesaid application, and in and to the said application, as, continuations-in-part, or renewals thereof, all Letters Patent which may be granted
shall be filed in any fore assignment of all rights a countries which may be and Trademarks to issue the said Assignee as the Assignee, its successors	ies or extensions of such patents, and in and to any and all applications which have been or ign countries for Letters Patent on the said inventions and improvements, including an aider the provisions of the International Convention, and all Letters Patent of foreign granted there from; and I do hereby authorize and request the Commissioner of Patents any and all United States Letters Patent for the aforesaid inventions and improvements to assignee of the entire right, title and interest in and to the same, for the use of the said and assigns. It also agree to execute separate assignments in connection with such neemay deem necessary or expedient.
instruments in writing in documents, and will con- relating to said improver generally do all things with successors or assigns	ind my executors and legal representatives will make, execute and deliver any and all other cluding any and all further application papers, affidavirs, assignments and other imunicate to said Assignee, its successors and representatives all facts known to me nents and the history thereof and at no cost to me will testify in all legal proceedings and hich may be necessary or desirable more effectually to secure to and vest in said Assignee, the entire right, title and interest in and to the said improvements, inventions, applications, es, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so
other agreement affecting	h said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or gibe rights and property herein conveyed has been made to others by me and that full as herein expressed is possessed by me.
with this application in al	ers necessary in connection with any post-grant proceeding which may occur in connection I countries or continuation, divisional or reissue thereof and to cooperate with the Assignee obtaining evidence and going forward with such post-grant proceeding.
Assignee.	rmative acts which may be necessary to obtain a grant of a valid patent in all countries to the
Inventor (Legal Nan Signature: <u>(u</u> -	

PATENT REEL: 047278 FRAME: 0365

RECORDED: 10/22/2018