502810963 05/15/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QUANTUM DESIGN, INC.	03/10/2014

RECEIVING PARTY DATA

Name:	QUANTUM DESIGN INTERNATIONAL, INC.	
Street Address:	6325 LUSK BOULEVARD	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13244680

CORRESPONDENCE DATA

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Address Line 2: SUITE 250

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ATTORNEY DOCKET NUMBER:	QDUSA-002C
NAME OF SUBMITTER:	MARK B. GARRED
SIGNATURE:	/mbg/
DATE SIGNED:	05/15/2014

Total Attachments: 4

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PATENT 502810963 REEL: 032906 FRAME: 0114

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Quantum Design International, Inc. 6325 Lusk Boulevard San Diego, CA 92121 USA

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

GAS-FLOW CRYOSTAT FOR DYNAMIC TEMPERATURE REGULATION USING A FLUID LEVEL SENSOR

check one	[] executed concurrently herewith.
	executed on,
	[X] Serial No. 13/244,680 Filed September 25, 2011

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Coastal Patent Law Group, P.C. the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Coastal Patent Law Group, P.C. do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

///END OF PAGE///

On behalf of Quantum Design, Inc. (Assignor):	Sepa Suca
	Stefano Spagna
	Chief Technical Officer
State of)	
County of)ss.	
On thisday of, bef SPAGNA, who is personally known to me to be the same person wacknowledged that he/she signed, sealed, and delivered the said instriberein set forth.	
	Notary Public
75 15	My Commission Expires:
(Seal)	

Executed this 10 day of MA2cH, 20 14.

County of <u>SAN DIEGO</u>	
On MACH 10, Z014 before me, ME personally appeared <u>STEFAN</u>	GAN E. CODOLICA /VOTTARY / VOLICE Here treen Name and Title of the Officer
nere anally appeared 577FAV	5 Se4604
porsonary appearate	Name(s) of Signer(s)
MEGAN E. GOODRICH Commission No. 2011289 S NOTARY PUBLIC - CALLFORNIA 8 SAN DIEGO COUNTY Commission Expres March 11, 2017	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(e) 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.
Place Notary Seat Above	Signature: Signature of Notary Public
OP	TIONAL
though the information below is not required by and could prevent fraudulent removal	law, it may prove valuable to persons relying on the document and reattachment of this form to another document.
Description of Attached Document	- Marie malayer
	NT - WORLDHIDE 13/244,680
Document Date: 3/10/14	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
Corporate Officer — Title(s):	Corporate Officer — Title(s):
Individual Fig. 1	Sing Clades Classical Connection of Science
☐ Partner — ☐ Limited ☐ General Top of thumb	here Laminer — Laminer Laminer Top of thumb here
☐ Attorney in Fact	U Anomey in Fact
U Trustee	L. ITUSIOS
Guardian or Conservator	E. Guardian or Conservator
C Other:	L.: Other:
Signer Is Representing:	Signer's Name: Corporate Officer — Title(s): Individual Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:
}	,

PATENT REEL: 032906 FRAME: 0118

RECORDED: 05/15/2014