505388104 03/21/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5434897

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DINDO UY	11/06/2017
MARK BAUCKMAN	11/02/2017
HWA HENG	11/02/2017
KRISHNA DESAI	11/02/2017
DAVID GOLDMAN	11/21/2017

RECEIVING PARTY DATA

Name:	ZODIAC POOL SYSTEMS LLC
Street Address:	2882 WHIPTAIL LOOP EAST #100
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16170355

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	061222-1099311
NAME OF SUBMITTER:	SANDEE HARVEY
SIGNATURE:	/Sandee Harvey/
DATE SIGNED:	03/21/2019

Total Attachments: 2

PATENT REEL: 048666 FRAME: 0592

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> PATENT REEL: 048666 FRAME: 0593

ASSIGNMENT (Patent Application)

We, DINDO UY, MARK BAUCKMAN, HWA HENG, KRISHNA DESAI and DAVID GOLDMAN, the undersigned, have invented certain inventions and improvements disclosed in a provisional patent application entitled

"CONTROL BOXES PRINCIPALLY FOR USE WITH EQUIPMENT OF SWIMMING POOLS AND SPAS"

filed with the United States Patent and Trademark Office on November 1, 2017 and assigned serial no. 62/580,221.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell
 and have assigned, transferred, conveyed, and sold to ZODIAC POOL SYSTEMS
 LLC, a corporation of the State of Delaware, having a principal place of business at
 2620 Commerce Way, Vista, California 92081, United States of America
 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent applications;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

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- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside our signatures.

Dated:	11/6/17	0.04
		Dindo Uy
Dated:	1/2/17	
		Mark Bauckman
Dated:	11/2/12	
		Awa Heng
Dated:	11/02/17	A STATE OF THE STA
		Krishna Desai
Dated:	11/21/2017	
	W 18 c	David Caldman

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RECORDED: 03/21/2019