504689660 12/15/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4736382

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	Υ DATA				
		Name		Execution Date	
DOUGLAS A. THORNTON				04/28/2017	
JEFFREY A. HADDE	EN			06/16/2017	
BRADLEY C. GLENN				06/15/2017	
RECEIVING PARTY	DATA				
Name:	BATTE	BATTELLE MEMORIAL INSTITUTE			
Street Address:	505 KII	505 KING AVENUE			
City:	COLU	COLUMBUS			
State/Country:	ОНЮ				
Postal Code:	43201				
PROPERTY NUMBE	RS Total: 1				
Property Type					
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Application Number	•	Number 15144526			
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CONFIRMATION/ASSIGNMENT

This agreement ("CONFIRMATION/ASSIGNMENT") is made and entered into by and between the following person(s), Douglas A. Thornton, Jeffrey A. Hadden, and Bradley C. Glenn (individually and/or collectively, "ASSIGNOR"), and Battelle Memorial Institute, a corporation of Ohio having a place of business at 505 King Avenue, Columbus, Ohio, 43201 ("ASSIGNEE").

ASSIGNOR has invented subject matter ("INVENTION") disclosed and/or claimed in a U.S. patent application titled "GOLF CLUBS AND GOLF CLUB HEADS HAVING A SENSOR" ("APPLICATION"). To the extent not already included below, ASSIGNOR authorizes and requests ASSIGNEE and its successors and assigns (collectively, "ASSIGNEE ENTITY") and authorized legal representatives, including but not limited to Banner & Witcoff, Ltd., Ten South Wacker Drive, Chicago, IL 60606-7407, to insert any of the following additional information relating to the APPLICATION when known:

U.S. App. No.: 15/144,526

Filing Date: May 2, 2016

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR confirms that ASSIGNOR did (under the law of the jurisdiction(s) where the INVENTION was conceived, reduced to practice and/or made under an agreement with ASSIGNEE) sell, assign and transfer, or else ASSIGNOR now does sell, assign and transfer to ASSIGNEE ENTITY, the full, exclusive and worldwide right: (a) in and to the INVENTION, (b) in and to the APPLICATION, its predecessor, continuing and counterpart applications everywhere in the world, and (c) in and to any Patents, Utility Models, Industrial Models, Petty Patents, Design Patents, Design Registrations, Industrial Designs, Unregistered Design Rights, Copyrights, and legal equivalents, reissues, extensions and renewals thereof everywhere in the world which may be granted for the INVENTION, including but not limited to the right to claim priority to and from any of the above, and the right to sue for past damages for any of the above ((a)-(c) collectively, "PROPERTIES").

ASSIGNOR agrees that ASSIGNEE ENTITY may apply for and/or receive PROPERTIES in its own name. ASSIGNOR authorizes and requests the U.S. Patent and Trademark Office and/or any other proper officer or agency of any jurisdiction to record the CONFIRMATION/ASSIGNMENT and issue PROPERTIES to ASSIGNEE ENTITY.

ASSIGNOR warrants and covenants that ASSIGNOR either had or does have the full right to convey the entire interest herein assigned at the time of the sale, assignment and/or transfer. ASSIGNOR warrants and covenants that ASSIGNOR has not executed and will not execute any conflicting sale, assignment and/or transfer.

PATENT REEL: 044404 FRAME: 0899

ASSIGNOR agrees to communicate to ASSIGNEE ENTITY and its authorized legal representatives, at ASSIGNEE'S sole cost and expense, any facts known to ASSIGNOR respecting the INVENTION, to execute all divisional, continuation, renewal, reissue and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to the INVENTION, sign all lawful documents which ASSIGNEE ENTITY and its authorized legal representatives shall consider desirable for aiding in securing and maintaining proper protection for the INVENTION and to testify in any judicial and/or administrative proceeding and generally do everything possible to aid ASSIGNEE ENTITY and its authorized legal representatives to obligations under the ASSIGNOR's PROPERTIES. enforce the obtain and CONFIRMATION/ASSIGNMENT will continue beyond the termination of ASSIGNOR's employment with ASSIGNEE.

ASSIGNOR accepts the terms and conditions of the CONFIRMATION/ASSIGNMENT:

<u>4-28-2017</u> Date

Wand A Marine

Date

Jeffrey A. Hadden

Bradley & Glenn

ASSIGNEE accepts the terms and conditions of the CONFIRMATION/ASSIGNMENT:

<u>le/z/2017</u> Date

<u>6-15-2017</u> Date

Authorized Representative

Printed Name Account IP Counse mon Title

Battelle Memorial Institute

PATENT **REEL: 044404 FRAME: 0900**

BW DOCKET NO. 007625.01835/120759US01

ASSIGNOR agrees to communicate to ASSIGNEE ENTITY and its authorized legal representatives, at ASSIGNEE'S sole cost and expense, any facts known to ASSIGNOR respecting the INVENTION, to execute all divisional, continuation, renewal, reissue and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to the INVENTION, sign all lawful documents which ASSIGNEE ENTITY and its authorized legal representatives shall consider desirable for aiding in securing and maintaining proper protection for the INVENTION and to testify in any judicial and/or administrative proceeding and generally do everything possible to aid ASSIGNEE ENTITY and its authorized legal representatives to obtain and enforce the PROPERTIES. ASSIGNOR's obligations under the CONFIRMATION/ASSIGNMENT will continue beyond the termination of ASSIGNOR's employment with ASSIGNEE.

ASSIGNOR accepts the terms and conditions of the CONFIRMATION/ASSIGNMENT:

Date

Douglas A. Thornton

111/2012

Date

Bradley C. Glenn

ASSIGNEE accepts the terms and conditions of the CONFIRMATION/ASSIGNMENT

______2/2017_____ Date

<u>Authorized Representative</u> <u>C. Michael Aegenheinv</u> Printed Name Associate IP COUNSU

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Battelle Memorial Institute

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RECORDED: 12/15/2017