PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4765287

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRADLEY C. GLENN	06/15/2017
DOUGLAS A. THORNTON	04/28/2017
JEFFREY A. HADDEN	06/16/2017

RECEIVING PARTY DATA

Name:	BATTELLE MEMORIAL INSTITUTE	
Street Address:	505 KING AVENUE	
City:	COLUMBUS	
State/Country:	ОНЮ	
Postal Code:	43201	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14951930

CORRESPONDENCE DATA

Fax Number: (312)463-5001

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: 3124635000

Email: iflynn@bannerwitcoff.com, bwptopat@bannerwitcoff.com

BANNER & WITCOFF, LTD. **Correspondent Name:** Address Line 1: 10 S. WACKER DRIVE

Address Line 2: **SUITE 3000**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	007625.01768/120731US01	
NAME OF SUBMITTER:	JOANNA M. FLYNN	
SIGNATURE:	/Joanna M. Flynn/	
DATE SIGNED:	01/08/2018	

Total Attachments: 4

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PATENT REEL: 044564 FRAME: 0037 504718565

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PATENT REEL: 044564 FRAME: 0038

CONFIRMATION/ASSIGNMENT

This agreement ("CONFIRMATION/ASSIGNMENT") is made and entered into by and between the following person(s), Bradley C. Glenn, Douglas A. Thornton, and Jeffrey A. Hadden (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 PLURALITY OF SENSORS FOR DETECTING ONE OR MORE SWING PARAMETERS" ("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.:

14/951,930

Filing Date:

November 25, 2015

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.

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 PROPERTIES. ASSIGNOR's obtain and enforce CONFIRMATION/ASSIGNMENT will continue beyond the termination of ASSIGNOR's employment with ASSIGNEE.

6-15-2017	
Date	Bradley E. Glenn
<u> </u>	Tous kole
Date	Douglas A. Thornton
Date	Jeffrey A. Hadden
Date	Jenicy M. Hagaen
ASSIGNEE accepts the terms and conditi	ons of the CONFIRMATION/ASSIGNMENT:
<u> </u>	<u> </u>
Date	
	O. Machael (regentarion) Printed Name
	* * * * * * * * * * * * * * * * * * *
	<u> Assaciak IP Counsel</u> Title
	Battelle Memorial Institute

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

Date	Bradley C. Glenn
Date	Douglas A. Thronton
oate 2/14/2019	John Harry Land Comment of the Comme

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

Authorized Representative

C. Wichael Geganherner
Printed Name

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Battelle Memorial Institute

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