PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROGERIO RAMOS	05/10/2020
CHRISTOPHER EMSLIE	04/16/2020

RECEIVING PARTY DATA

Name:	HUMANETICS INNOVATIVE SOLUTIONS, INC.
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City:	FARMINGTON HILLS
State/Country:	MICHIGAN
Postal Code:	48335

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17432263

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	710873.00465	
NAME OF SUBMITTER:	KRISTOPHER K. HULLIBERGER	
SIGNATURE:	/Kristopher K. Hulliberger/	
DATE SIGNED:	08/19/2021	

Total Attachments: 2

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> **PATENT** REEL: 057230 FRAME: 0204 506826331

ASSIGNMENT (PCT Patent Application - Joint Inventors)

WHEREAS we, Rogerio RAMOS and Christopher EMSLIE residing respectively at 27 Raglan Close, Chandlers Ford, Eastleigh, Hampshire, SO53 4NH and Pine Lake, Crawley Hill, West Wellow, Romsey, Hampshire, SO51 6AP have invented a new and useful invention entitled

OPTICAL FIBER SYSTEM HAVING HELICAL CORE STRUCTURE FOR DETECTING FORCES DURING A COLLISION TEST

which is set forth in a PCT patent application filed with the International Bureau receiving office as Application No. <u>PCT/US2020/019048</u>, filed on <u>February 20, 2020</u>, Attorney Docket No. 710873.00378; and

WHEREAS, Humanetics Innovative Solutions, Inc., a corporation organized and existing under the Laws of Delaware, having its principal place of business at 23300 Haggerty Road, Farmington Hills, MI 48335, U.S.A., hereinafter referred to as ASSIGNEE, is desirous of acquiring said invention and said patent application and any domestic and foreign patent or patents that may be obtained therefore or thereupon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One United States Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, assigns, or other legal representatives, the full and entire right, title and interest in and to said invention and said patent application, including the right of said ASSIGNEE, its successors, assigns, or other legal representatives to file any and all divisional, continuation, and continuation-in-part applications claiming priority to said patent application, or the right to seek reissues or extensions of any patent that may be issued for said invention, with the same to be held and enjoyed by said ASSIGNEE as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and

HEREBY AGREE that we, our heirs, successors, assigns or other legal representatives will at any time upon the request and at the expense of said ASSIGNEE, its successors, assigns, or other legal representatives, without undue delay, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, said applications, and any patent or patents that may be obtained therefore; and

HEREBY FURTHER ASSIGN unto said ASSIGNEE, its successors, assigns, or other legal representatives, the whole right, title and interest in and to said invention throughout all countries foreign to the United States, including the right to file any foreign patent applications claiming priority to said patent application and otherwise seek any patent in any foreign country, and including the right to file any divisional, continuation, and continuation-in-part applications claiming priority to said foreign patent application where such procedure is proper, or the right to seek reissues or extensions of any patent in any foreign country, and we do hereby ratify any acts of said ASSIGNEE in applying for a patent in said ASSIGNEE's own name in any foreign country where such procedure is proper and do hereby agree to execute said foreign patent applications in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of said foreign patent applications and any patents to be obtained therefore to said ASSIGNEE; and

PATENT REEL: 057230 FRAME: 0205

Docket No.: 710873.00378

HEREBY AUTHORIZE and request the Commissioner of Patents and Trademarks of the United States and any official of any country foreign to the United States whose duty it is to issue patents, to issue any patent and any reissues and extensions thereof to said ASSIGNEE in accordance with this Assignment; and

HEREBY AUTHORIZE the attorney, as designated in any Power of Attorney we have executed with respect to this invention, to insert the filing date(s) and serial number(s) of the above identified patent application(s) when they become known in the space above, if not already provided; and

HEREBY REPRESENT and warrant that we have the full right to convey the entire interest of said invention and said applications herein assigned and have not granted any rights inconsistent with the rights granted herein.

May 10+11 2020

Rogerio Ramos

ARIL 16TH 2020

return this document to:

Date

Please address all correspondence and telephone calls and, upon recordation, please

Christopher Emslie

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PATENT REEL: 057230 FRAME: 0206

RECORDED: 08/19/2021