PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4882370

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VERNON HARTDEGEN	06/15/2016
MICHAEL HOLLIS	06/16/2016

RECEIVING PARTY DATA

Name:	CROSSROADS EXTREMITY SYSTEMS, LLC	
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Internal Address:	SUITE 140	
City:	MEMPHIS	
State/Country:	TENNESSEE	
Postal Code:	38119-5702	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15934746

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ATTORNEY DOCKET NUMBER:	CES-117249-2 US CON1	
NAME OF SUBMITTER:	HAYLEY READ	
SIGNATURE:	/Hayley Read/	
DATE SIGNED:	03/23/2018	

Total Attachments: 2

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PATENT REEL: 045335 FRAME: 0080 504835633

ASSIGNMENT

The Application(s)

Docket No.	Application Serial No.	Filing Date	Title
CES-117249-2 US	15/105449	06/16/2016[371(c)]	Polyaxial Locking Hole

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "invention") disclosed in the Application(s);

Whereas, CROSSROADS EXTREMITY SYSTEMS, LLC, a limited liability company of Tennessee having a place of business at 6055 Primacy Parkway, Suite 140, Memphis, Tennessee 38119-5702 ("Assignee"), desires to acquire, and each undersigned inventor desires to grant to Assignee, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto, including but not limited to the Application(s);

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Assignee, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the Application(s), and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. Each undersigned inventor agrees that, if the data above regarding the Application(s) is incomplete, the missing data may be added hereto after receipt of the same from the United States Patent and Trademark Office.

In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Assignee, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Assignee, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignee, its successors, legal representatives, and assigns, whenever requested by Assignee, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Assignee and is unaware of any reason why they

PATENT Page 1 of 2

CES-117249-2 US Assignment Inventors to CrossRoads.docx

may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants Assignee, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, Patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Utah, and any disputes will be resolved in a Utah state court or federal court sited in Utah.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of inventor: vernon narroeden	
Signature: Tartey	Date: OG 15 2016
City and State or Foreign Country of Residence: Collierville, TN	
(2) Legal Name of Inventor: Michael HOLLIS	
Signature: The Signature S	Date: 106-16-2016

City and State or Foreign Country of Residence: Collierville, TN

CES-117249-2 US Assignment Inventors to CrossRoads.docx

PATENT^{Page 2 of 2}
REEL: 045335 FRAME: 0082

RECORDED: 03/23/2018