PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ryan J. Bruce	07/18/2013
John H. Loudenslager	07/22/2013

RECEIVING PARTY DATA

Name:	Karsten Manufacturing Corporation
Street Address:	2201 W. Desert Cove
Internal Address:	Legal Department
City:	Phoenix
State/Country:	ARIZONA
Postal Code:	85029

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13949421

CORRESPONDENCE DATA

Fax Number: 6026875545

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Karsten Manufacturing Corporation

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Phoenix, ARIZONA 85029 Address Line 4:

ATTORNEY DOCKET NUMBER:	KMC-13-013-US
NAME OF SUBMITTER:	Mary Jo Mendez
Signature:	/mary jo mendez/
	PATENT

REEL: 030866 FRAME: 0964

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Date:	07/24/2013
Total Attachments: 3 source=Assign KMC-13-013-US#page1.tif source=Assign KMC-13-013-US#page2.tif source=Assign KMC-13-013-US#page3.tif	

PATENT REEL: 030866 FRAME: 0965

ASSIGNMENT

Patent Application:

Assignor(s):

Full Legal Name: Ryan J. Bruce

Street Address: : 2201 W. Desert Cove,

City, State, and Zip Code: Phoenix, Arizona 85029

Full Legal Name: John H. Loudenslager Street Address: 2201 W. Desert Cove,

City, State, and Zip Code: Phoenix, Arizona 85029

Assignee:

Karsten Manufacturing Corporation 2201 West Desert Cove, Phoenix, Arizona 85029 an Arizona Corporation

Whereas we, the Assignors, have invented certain new and useful improvements described and claimed in the above-referenced patent application;

Whereas Patents and Industrial Design Registrations may be granted in the United States of America and in foreign countries based on the improvements described and/or claimed in the abovereferenced patent application;

Whereas Karsten Manufacturing Corporation, the Assignee, is desirous of acquiring the entire right, title and interest in, to, and under these improvements and any Patents based upon these improvements.

In consideration of our agreement with the Assignee, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and/or in consideration of our employment by the Assignee or one of its affiliates or subsidiaries, we, the Assignors, hereby assign, transfer, set over, convey, and deliver to the Assignee and its successors and assigns, all of our entire right, title, and interest in, to, and under:

 any and all improvements disclosed and/or claimed in the above-identified patent application in the United States of America;

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- (2) the patent application and any and all utility, design, provisional, continuation, continuation-in-part, continued prosecution, request-for-continued-examination, and divisional applications thereof;
- (3) our exclusive right to make and prosecute any and all applications for patents, reissues, reexaminations, renewals, and extensions thereof;
- (4) any and all patents and Convention and Treaty rights of all kinds, in the United States of America and all other countries throughout the world, for all such subject matter;
- (5) any and all know-how and/or confidential, proprietary, and/or trade secret information relating to any such improvements, patent applications, patents, and/or technology;
- (6) the right to sue for present, past, and future infringement or misappropriation relating to any such improvements, applications, patents, and/or technology;
- (7) the right to enforce any rights and file any causes of action, in law and/or equity, relating to any such improvements, patent applications, patents, and/or technology; and
- (8) the right to all income, royalties, fees, damages, and payments now or hereafter due or payable in respect to any such improvements, patent applications, patents, and/or technology.

We hereby authorize and request the Patent Office officials in the United States of America and in any and all foreign countries to issue any and all Patents and Industrial Design Registrations for the improvements, when granted, to the assignee, its successors and assigns, as the Assignee of our entire right, title and interest in, to, and under the same and, if called upon by the Assignee, its successors, assigns, or legal representatives, we agree to promptly sign any and all documents necessary to secure any and all such patents and/or rights and for issuance of same to the Assignee or its successors and assigns.

We covenant with the Assignee, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance. We confirm that we have not made any agreement in conflict with this Assignment. We further agree that we will provide information within our knowledge or belief, and do any and all other relevant things that the Assignee, its successors, assigns, or legal representatives deem necessary or desirable and request of us in connection with obtaining and/or maintaining any such patents and/or rights; in connection with any proceeding, controversy, and/or litigation pertaining to any such patents and/or rights; to perfect and/or enforce the ownership by the Assignee, its successors and assigns, of the right, title, and interest conveyed by this Assignment; and/or in

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connection with this Assignment, without payment of consideration to us beyond that called for in our written agreement with the Assignee on the understanding, however, that the Assignee will bear all reasonable expenses actually incurred for or in connection with such matters. This Assignment and the obligations assumed by us shall be binding on our heirs and personal representatives.

Date: 7/18/13

Ryan J. Bruce

Date: 7-22-13

John H. Loudenslager

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RECORDED: 07/24/2013

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