

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BENEDICT LOUIS ZIN	12/23/2019
RECEIVING PARTY DATA		
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Postal Code:	22802	
PROPERTY NUMBERS Total: 3		
Property Type	Number	
Application Number:	62244188	
Application Number:	15331081	
PCT Number:	US1658290	
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DATE SIGNED:	12/26/2019	
Total Attachments: 3		
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **William John HALL, Benedict Louis ZIN** (deceased, undersigned by legal representative), **Andy STURMAN, and Min WANG** hereby sell and assign to **Redcoat Solutions, Inc.**, a corporation formed under the laws of Virginia, whose mailing address is 3060 North Valley Pike, Harrisonburg, VA 22802 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in each of the following applications for patent entitled **BED BUGS DETECTION DEVICE**:

- U.S. Patent Application No. 62/244,188, filed on October 21, 2015,
- U.S. Patent Application No. 15/331,081, filed on October 21, 2016, and
- International Application No. PCT/US16/58290, filed on October 21, 2016, and

in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent applications listed above in part (a), filed in any country, including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals, and reexaminations of the patent applications or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described by the patent applications listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent applications, and that are derivable from any and all continuing applications, reissues, extensions, renewals, and reexaminations of such patent applications, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors and legal representative agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors and legal representative agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors and legal representative hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors and legal representative hereby grant the patent practitioners associated with **CUSTOMER NUMBER 26111** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors and legal representative hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 26111** are the legal representatives of, and attorneys for, the assignee, and are NOT the legal representatives of, and attorneys for, the inventors.

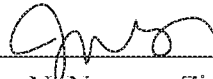
IN WITNESS WHEREOF, executed by the undersigned inventors and legal representative on the date opposite his/her name.

Date: _____

Signature of Inventor: _____
William John HALL

Date: 12/23/19 _____

Signature of Legal Representative of Inventor:



Jolene N. Nguyen-Zin
Legal Representative of
Benedict Louis ZIN

Date: _____

Signature of Inventor: _____
Andy STURMAN

Date: _____

Signature of Inventor: _____
Min WANG

SIGNED on behalf of the said ASSIGNEE,

Redcoat Solutions, Inc.

By:  _____

Name: Wm. John Hall

Title: President

Date: 12/24/2019

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