

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7603296

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEFFREY R. HAY	06/22/2018
MARK WILLIAM SLEMP	06/22/2018
KENNETH RALPH PIETY	06/21/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RDI TECHNOLOGIES, INC.
<b>Street Address:</b>	10024 INVESTMENT DR
<b>Internal Address:</b>	STE 150
<b>City:</b>	KNOXVILLE
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37932
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17970803
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(502)589-0309
<i>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.</i>	
<b>Phone:</b>	5025627355
<b>Email:</b>	lminton@wyattfirm.com
<b>Correspondent Name:</b>	STEPHEN C. HALL
<b>Address Line 1:</b>	WYATT, TARRANT & COMBS, LLP
<b>Address Line 2:</b>	400 WEST MARKET STREET, SUITE 2000
<b>Address Line 4:</b>	LOUISVILLE, KENTUCKY 40202
<b>ATTORNEY DOCKET NUMBER:</b>	617075.1
<b>NAME OF SUBMITTER:</b>	STEPHEN C. HALL, REG. NO. 57339
<b>SIGNATURE:</b>	/Stephen C. Hall/
<b>DATE SIGNED:</b>	10/21/2022
<b>Total Attachments: 5</b>	
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## Declaration and Assignment for Utility or Design Patent Application

Title of invention: **Monitoring of Objects based on frequency spectrum of motion and frequency filtering**

Application No.: **16/009,749**

### I. Declaration

As a below named inventor, I hereby declare that this declaration is directed to:

the attached application, all rights to which including the right to claim priority are also assigned to Assignee, or

United States application number 16/009,749 or PCT international application number N/A filed on June 15, 2018 (i.e., the '749 Nonprovisional Application').

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am an original inventor or an original joint inventor of a claimed invention in the application.

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.

### II. Assignment

FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, the below named inventors (hereinafter called "ASSIGNORS") hereby assign, transfer, and convey ownership unto: **RDI TECHNOLOGIES, INC.**, referred to herein as "ASSIGNEE," being a corporation organized under the laws of Tennessee, with a correspondence address of 10024 Investment Dr., Ste. 150, Knoxville, Tennessee 37932-2143 U.S.A., (hereinafter called "ASSIGNEE," which shall include all successors and assigns, if any),

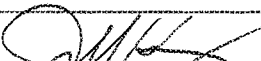
the full and exclusive rights, title, and interest in and to the '749 Nonprovisional Application as well as any patent application(s) to which priority is claimed (including without limitation United States provisional application 62/678,442 filed May 31, 2018), and all rights and privileges under any Letters Patent that may be granted thereon. Herein, the assignment of full and exclusive rights, title, and interest includes the right to sue for past, present, and future infringement.

ASSIGNORS also assign full and exclusive rights, title, and interest in and to any substitute, nonprovisional, continuation, continuation-in-part, and/or divisional application(s) which may be based in whole or in part on the above-referenced application, or which otherwise claims priority to such application. ASSIGNORS also assign full and exclusive rights, title, and interests in and to said invention in all foreign countries, and all applications for Patent which may be based in whole or in part on the above-referenced application, including the right to claim International Convention priority. ASSIGNORS HEREBY AUTHORIZE ASSIGNEE to make applications for and to receive Letters Patent or their equivalent for said invention in any of said countries in its own name, or in their respective names, at ASSIGNEE'S election, and to claim any and all priority rights as may exist.

ASSIGNORS agree without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with the above-identified application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to the above-identified application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining testimony or other evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for ASSIGNEE.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon the above identified application or any substitute, nonprovisional, continuation, continuation-in-part, and/or divisional applications which may be based in whole or in part on the above-referenced application to the ASSIGNEE.

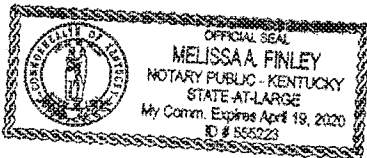
ASSIGNORS hereby covenant and warrant that they have full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

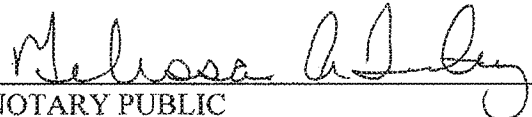
Name:	Jeffrey R. Hay
Citizenship:	United States
Address:	4303 Briarwood Rd., Louisville, KY, U.S.A., 40207
Signature	

~~KENTUCKY~~  
 STATE OF TENNESSEE )  
 ) :SS  
 COUNTY OF Jefferson )

The foregoing instrument was subscribed, sworn to and acknowledged before me this 22 day of June, 2018, by Jeffrey R. Hay.

My commission expires: 4/19/2020



  
 \_\_\_\_\_  
 NOTARY PUBLIC

Name:	Mark William Slemp
Citizenship:	United States
Address:	205 Wilson Circle, Tellico Plains, TN, U.S.A., 37385
Signature	

STATE OF TENNESSEE )  
 ) :SS  
 COUNTY OF \_\_\_\_\_ )

The foregoing instrument was subscribed, sworn to and acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by Mark William Slemp.

My commission expires: \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

Name:	Jeffrey R. Hay
Citizenship:	United States
Address:	4303 Briarwood Rd., Louisville, KY, U.S.A., 40207
Signature	

STATE OF TENNESSEE )  
 ) :SS  
 COUNTY OF \_\_\_\_\_ )

The foregoing instrument was subscribed, sworn to and acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2018, by Jeffrey R. Hay.

My commission expires: \_\_\_\_\_.

\_\_\_\_\_  
 NOTARY PUBLIC

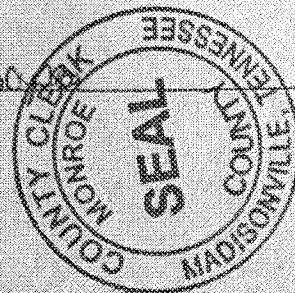
Name:	Mark William Slemp
Citizenship:	United States
Address:	205 Wilson Circle, Tellico Plains, TN, U.S.A., 37385
Signature	<i>Mark William Slemp</i>

STATE OF TENNESSEE )  
 ) :SS  
 COUNTY OF Monroe )

The foregoing instrument was subscribed, sworn to and acknowledged before me this 22 day of Sept, 2018, by Mark William Slemp.

My commission expires: 8/31/18.

*Freda M. ...*  
 NOTARY PUBLIC



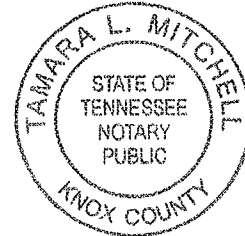
Name:	Kenneth Ralph Piety
Citizenship:	United States
Address:	3208 Lobetti Road, Knoxville, TN, U.S.A., 37931
Signature	<i>Kenneth Ralph Piety</i>

STATE OF TENNESSEE            )  
  ) :SS  
COUNTY OF Knox            )

The foregoing instrument was subscribed, sworn to and acknowledged before me this 21st day of June, 2018, by Kenneth Ralph Piety.

My commission expires: 11.4.2018

Tamara L Mitchell  
NOTARY PUBLIC



My Commission Expires Nov. 4, 2018