

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7728762

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LAZAR BIVOLARSKY	12/31/2022
JOEL D. BURCHAM	04/03/2022
JAMES M. HEIM	04/06/2022
RECEIVING PARTY DATA	
Name:	PERCEPTIVE SENSOR TECHNOLOGIES, INC.
Street Address:	4633 E. BROADWAY BLVD.
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85711
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17543200
CORRESPONDENCE DATA	
Fax Number:	(520)882-7643
<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>	
Phone:	5208827623
Email:	KGOOD@HAYES-SOLOWAY.COM
Correspondent Name:	DANIEL H. LANDAU
Address Line 1:	4640 E. SKYLINE DRIVE
Address Line 4:	TUCSON, ARIZONA 85718
ATTORNEY DOCKET NUMBER:	PST 20.09
NAME OF SUBMITTER:	DANIEL H. LANDAU
SIGNATURE:	/DANIEL H. LANDAU/
DATE SIGNED:	01/06/2023
Total Attachments: 6	
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PATENT

REEL: 062296 FRAME: 0716

ASSIGNMENT

I, **Lazar Bivolarsky** of Cupertino, California, of the United States of America, having invented certain inventions and improvements in **MULTI-PATH ACOUSTIC SIGNAL IMPROVEMENT FOR MATERIAL DETECTION**, and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 17/543,200 filed December 6, 2021) for good and valuable consideration, the receipt of which is hereby acknowledged from **Perceptive Sensor Technologies, Inc.**, a limited liability corporation having its principal place of business at 4633 E. Broadway Blvd., Tucson, Arizona 85711, USA, (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application and the inventions and any of them therein set forth and described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or any of them or any part thereof or on said application or any divisional, continuing, reissue, or other patent application based thereon;

And for the same consideration I do also hereby sell, assign, and transfer unto the Assignee, its successors, and assigns all my rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and any of them and all parts thereof and said application, and I do hereby authorize the Assignee, its successors, and assigns to apply in my name or its or their own name or names for patents and like rights of exclusion on or for said inventions or any of them or any part thereof in all countries claiming if it or they so desire the priority of the filing date of said application under the provisions of said Convention or any such other treaty;

And for the same consideration, I do hereby agree for myself and for my heirs, executors, and administrators, promptly upon request of the Assignee, its successors, or assigns, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, its successors, or assigns fully to secure to it or them said right, title, and interest as aforesaid in and to said inventions and any of them and all parts thereof and in and to and under said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Officer of each country foreign thereto to issue to the Assignee, its successors, or assigns, any and all patents and like rights of exclusion which may be granted in any country upon said United States application or other applications or any of them or on or for said inventions or any of them or any part thereof; and I do hereby

covenant for myself and my legal representatives and agree with the Assignee, its successors, and assigns that I have granted no right or license to make, use, or sell said inventions or any of them or any part thereof to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I hereunto set my hand and seal on the day and year hereinafter noted.

12/21/2022 [Signature]
 Date Lazar Bivolarsky

UNITED STATES OF AMERICA)
 STATE OF _____) ss:
 COUNTY OF _____)

On this _____ day of _____, 20____, Lazar Bivolarsky personally appeared before me, a Notary Public in and for the above-mentioned county, to me known, and known to me to be the individual described in and who executed the foregoing document, and he duly acknowledged to me that he executed same for the uses and purposes therein expressed.

(SEAL)

 Notary Public

ASSIGNMENT

I, **Joel D. Burcham** of Huntsville, Alabama, of the United States of America, having invented certain inventions and improvements in **MULTI-PATH ACOUSTIC SIGNAL IMPROVEMENT FOR MATERIAL DETECTION**, and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 17/543,200 filed December 6, 2021) for good and valuable consideration, the receipt of which is hereby acknowledged from **Perceptive Sensor Technologies, Inc.**, a limited liability corporation having its principal place of business at 4633 E. Broadway Blvd., Tucson, Arizona 85711, USA, (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application and the inventions and any of them therein set forth and described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or any of them or any part thereof or on said application or any divisional, continuing, reissue, or other patent application based thereon;

And for the same consideration I do also hereby sell, assign, and transfer unto the Assignee, its successors, and assigns all my rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and any of them and all parts thereof and said application, and I do hereby authorize the Assignee, its successors, and assigns to apply in my name or its or their own name or names for patents and like rights of exclusion on or for said inventions or any of them or any part thereof in all countries claiming if it or they so desire the priority of the filing date of said application under the provisions of said Convention or any such other treaty;

And for the same consideration, I do hereby agree for myself and for my heirs, executors, and administrators, promptly upon request of the Assignee, its successors, or assigns, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, its successors, or assigns fully to secure to it or them said right, title, and interest as aforesaid in and to said inventions and any of them and all parts thereof and in and to and under said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Officer of each country foreign thereto to issue to the Assignee, its successors, or assigns, any and all patents and like rights of exclusion which may be granted in any country upon said United States application or other applications or any of them or on or for said inventions or any of them or any part thereof; and I do hereby

covenant for myself and my legal representatives and agree with the Assignee, its successors, and assigns that I have granted no right or license to make, use, or sell said inventions or any of them or any part thereof to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I hereunto set my hand and seal on the day and year hereinafter noted.

4/3/2022

Date

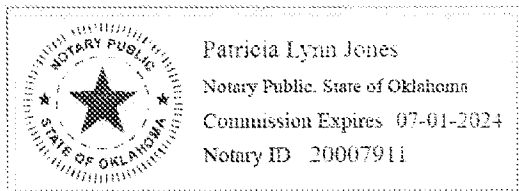
Joel Burcham

Joel D. Burcham

UNITED STATES OF AMERICA)
STATE OF Oklahoma) ss:
COUNTY OF Lincoln)

On this 03 day of April, 2022, Joel D Burcham personally appeared before me, a Notary Public in and for the above-mentioned county, to me known, and known to me to be the individual described in and who executed the foregoing document, and he duly acknowledged to me that he executed same for the uses and purposes therein expressed.

(SEAL)



Notarized Online with NotaryLive.com

Patricia Lynn Jones

Notary Public
Patricia Lynn Jones

ASSIGNMENT

I, **James M. Heim** of Tucson, Arizona, of the United States of America, having invented certain inventions and improvements in **MULTI-PATH ACOUSTIC SIGNAL IMPROVEMENT FOR MATERIAL DETECTION**, and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 17/543,200 filed December 6, 2021) for good and valuable consideration, the receipt of which is hereby acknowledged from **Perceptive Sensor Technologies, Inc.**, a limited liability corporation having its principal place of business at 4633 E. Broadway Blvd., Tucson, Arizona 85711, USA, (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application and the inventions and any of them therein set forth and described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or any of them or any part thereof or on said application or any divisional, continuing, reissue, or other patent application based thereon;

And for the same consideration I do also hereby sell, assign, and transfer unto the Assignee, its successors, and assigns all my rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and any of them and all parts thereof and said application, and I do hereby authorize the Assignee, its successors, and assigns to apply in my name or its or their own name or names for patents and like rights of exclusion on or for said inventions or any of them or any part thereof in all countries claiming if it or they so desire the priority of the filing date of said application under the provisions of said Convention or any such other treaty;

And for the same consideration, I do hereby agree for myself and for my heirs, executors, and administrators, promptly upon request of the Assignee, its successors, or assigns, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, its successors, or assigns fully to secure to it or them said right, title, and interest as aforesaid in and to said inventions and any of them and all parts thereof and in and to and under said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Officer of each country foreign thereto to issue to the Assignee, its successors, or assigns, any and all patents and like rights of exclusion which may be granted in any country upon said United States application or other applications or any of them or on or for said inventions or any of them or any part thereof; and I do hereby

covenant for myself and my legal representatives and agree with the Assignee, its successors, and assigns that I have granted no right or license to make, use, or sell said inventions or any of them or any part thereof to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I have not executed and will not execute any instrument in conflict herewith.

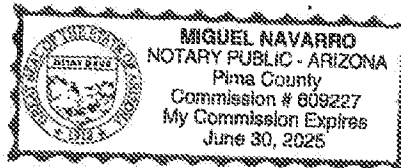
IN WITNESS WHEREOF, I hereunto set my hand and seal on the day and year hereinafter noted.

4-6-2022 James M. Heim
Date James M. Heim

UNITED STATES OF AMERICA)
STATE OF Arizona) ss:
COUNTY OF Pima)

On this 6th day of April, 2022, James M. Heim personally appeared before me, a Notary Public in and for the above-mentioned county, to me known, and known to me to be the individual described in and who executed the foregoing document, and he duly acknowledged to me that he executed same for the uses and purposes therein expressed.

(SEAL)



Miguel Navarro
Notary Public