

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7029198

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MAX LAGALLY	10/15/2019
MATTHEW DWYER	10/23/2019
DANIEL VAN DER WEIDE	10/23/2019
ABHISHEK BHAT	03/12/2020
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<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53726
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17507034
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<b>ATTORNEY DOCKET NUMBER:</b>	P190271US02
<b>NAME OF SUBMITTER:</b>	MEREDITH NORIEGA
<b>SIGNATURE:</b>	/MEREDITH NORIEGA/
<b>DATE SIGNED:</b>	11/17/2021
<b>Total Attachments: 6</b>	
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**PATENT**

**REEL: 058138 FRAME: 0614**

ASSIGNMENT  
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional, utility, or design United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
SELF-ASSEMBLED HELICAL SLOW-WAVE STRUCTURES FOR HIGH-FREQUENCY SIGNALS			
DIV	UNITED STATES	17/507034	October 21, 2021
A TRAVELING WAVE TUBE AMPLIFIER HAVING A HELICAL SLOW-WAVE STRUCTURE SUPPORTED BY A CYLINDRICAL SCAFFOLD			
PAT	UNITED STATES	16/589348	October 01, 2019

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional, utility, and design applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P190271US02  
Wisconsin Alumni Research Foundation

ASSIGNMENT  
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional, utility, or design United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
SELF-ASSEMBLED HELICAL SLOW-WAVE STRUCTURES FOR HIGH-FREQUENCY SIGNALS			
PAT	UNITED STATES	16/589348	October 01, 2019

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I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P190271US01  
Wisconsin Alumni Research Foundation

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P190271US01

App#: 16/589348, Filed: October 01, 2019

Inventor: \_\_\_\_\_

*Max G. Lagally*

Date: 10/15/2019

Max Lagally  
5110 Juneau Road  
Madison, WI 53705

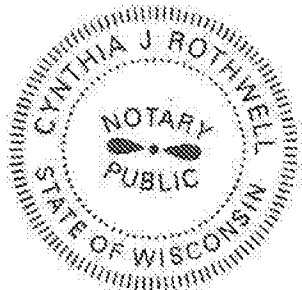
State of Wisconsin    )  
                                  )ss.  
County of Dane         )

On this 15 day of October, 2019 before me personally appeared Max Lagally, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

*Cynthia Rothwell*  
\_\_\_\_\_  
Notary Public

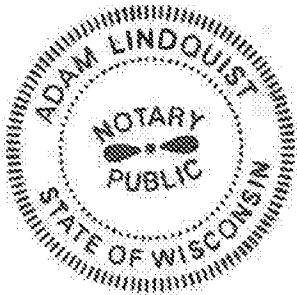
My Commission expires: July 12, 2021





App.#: 16/589348, Filed: October 01, 2019

Date: 10/23/2019



REEL: 058138 FRAME: 0619

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P190271US01

App.#: 16/589348, Filed: October 01, 2019

Inventor: Abhishek Bhat

Date: 03/12/2020

Abhishek Bhat  
39867 Fremont Blvd  
Apt 106  
Fremont, CA 94538

State of ~~Wisconsin~~ )  
CALIFORNIA )ss.  
County of ~~San Diego~~ )  
ALAMEDA

On this 12<sup>TH</sup> day of MARCH, 2020 before me personally appeared Abhishek Bhat, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

[Signature]  
Notary Public

My Commission expires: OCT 27, 2021

