

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL BOYARSKY	08/10/2021
TIMOTHY SLEASMAN	11/29/2020
JONAH GOLLUB	11/26/2020
SEYEDMOHAMMADREZA FAGHIH IMANI	11/25/2020
DAVID R. SMITH	07/26/2021
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18206522
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<b>ATTORNEY DOCKET NUMBER:</b>	DUKE021
<b>NAME OF SUBMITTER:</b>	KORY D. CHRISTENSEN
<b>SIGNATURE:</b>	/Kory D. Christensen/
<b>DATE SIGNED:</b>	07/14/2023

**Total Attachments: 6**

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ASSIGNMENT

We, Michael Boyarsky, Timothy Sleasman, Jonah Gollub, Seyedmohammadreza Faghieh Imani, and David R. Smith, have invented the inventions described in a United States Patent Application Serial No. 17/105,020 filed November 25, 2020 for NYQUIST SAMPLED TRAVELING-WAVE ANTENNAS in the United States Patent and Trademark Office.

The Assignee, Duke University, 2812 Erwin Rd., Suite 306, Durham, NC 27705, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent application and in all patents issuing thereon, any inventions described in said application, and in all divisions, continuations, continuations-in-part, reissues, or extensions of said application, and in all corresponding applications filed in countries foreign to the United States and all foreign patents issuing thereon.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

*Michael Boyarsky*  
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Michael Boyarsky

*2021-08-10*  
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DATE (YYYY-MM-DD)

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Timothy Sleasman

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DATE (YYYY-MM-DD)

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Jonah Gollub

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DATE (YYYY-MM-DD)

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Seyedmohammadreza Faghieh Imani

\_\_\_\_\_  
DATE (YYYY-MM-DD)


\_\_\_\_\_  
David R. Smith

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DATE (YYYY-MM-DD)

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Michael Boyarsky

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Date

  
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Timothy Sleasman

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11/29/2020  
Date

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Jonah Gollub

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Jonah Gollub

\_\_\_\_\_  
Date

*M.F. Imani*

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Seyedmohammadreza Faghih Imani

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11/25/2020

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Date

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Seyedmohammadreza Faghih Imani

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Date

*David R. Smith*

*7/26/2021*

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David R. Smith

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Date