

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CRISTINA SEIBERT	04/22/2020
	WILLIAM ALBERTH JR.	04/21/2020
	JEROME VOGEDS	04/22/2020
RECEIVING PARTY DATA		
Name:	NEXTNAV, LLC	
Street Address:	484 OAKMEAD PARKWAY	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94085	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	15930315
	PCT Number:	US2032533
CORRESPONDENCE DATA		
Fax Number:		
<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:	8582312473	
Email:	kyle@ptlawgroup.com	
Correspondent Name:	KYLE PENDERGRASS	
Address Line 1:	1965 CHATSWORTH BOULEVARD	
Address Line 4:	SAN DIEGO, CALIFORNIA 92107	
ATTORNEY DOCKET NUMBER:	NEXN-074-US1_WO1	
NAME OF SUBMITTER:	KYLE PENDERGRASS	
SIGNATURE:	/Kyle Pendergrass/	
DATE SIGNED:	05/13/2020	
Total Attachments: 4		
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ASSIGNMENT

I, an undersigned Inventor (the "Assignor"), have made one or more inventions (the "Invention(s)") set forth in the following applications for patent:

United States Patent Application No. 15930315
filed on 5/12/2020, entitled SYSTEMS AND METHODS FOR DETERMINING, BROADCASTING AND USING REFERENCE ATMOSPHERIC DATA IN A NETWORK OF TRANSMITTERS;

Patent Cooperation Treaty Application No. PCT/US20/32533
filed on 5/12/2020, entitled SYSTEMS AND METHODS FOR DETERMINING, BROADCASTING AND USING REFERENCE ATMOSPHERIC DATA IN A NETWORK OF TRANSMITTERS.

WHEREAS, NextNav, LLC, a Delaware Limited Liability Company, having its address at 484 Oakmead Parkway, Sunnyvale, California 94085 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in (a) – (h) below.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor hereby sells, assigns, transfers, and sets over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in and to (a) – (h) below:

- (a) the Invention(s);
- (b) the one or more applications for patent identified above;
- (c) the right to file applications for patent of the United States and other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty (PCT), and further including all rights under the laws of each country;
- (d) any and all applications for patent of the United States and other countries claiming any of the Invention(s);
- (e) any and all applications for patent of the United States and other countries claiming priority to any of the one or more applications for patent identified above, including any and all divisionals, continuations, and continuations-in-part;
- (f) any and all applications for patent of the United States and other countries to which any of the one or more applications for patent identified above claims priority, including provisional applications filed in the United States to which any of the one or more applications for patent identified above claim priority;
- (g) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(f); and
- (h) any and all patents of the United States and other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(f), including any and all reissues and extensions of patents.

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale, assignment, transfer and set over not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of this assignment, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with a prior agreement between the Assignor and the Assignee, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby sells, assigns, transfers, and sets over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in and to (a) - (h) above to the extent that the Assignor has not done so already via a prior agreement with the Assignee. Where the Assignor has already, via a prior agreement with the Assignee, sold, assigned, transferred, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in (a) - (h) above, Assignor hereby confirms that prior agreement.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), the one or more applications for patent identified above, any patents that issue from the one or more applications for patent identified above, and any other of items (a) - (h) above, without charge to the Assignor, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests any of Kyle M. Pendergrass and his law firm, to insert the filing date, the application number, the title, the docket number, and any other information corresponding to the invention(s) and applications identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns. The Assignor hereby requests foreign patent offices to issue patents in those countries to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Signature (hand written): _____ Date: _____


Inventor Name: CRISTINA SEIBERT

Address: 875 Jackson St, Mountain View, CA 94043

Signature (hand written): _____ Date: _____

Inventor Name: JEROME VOGEDS

Address: 1111 North Marshall Street, Unit 505, Milwaukee, WI, USA

Signature (hand written):  Date: 4-21-20

Inventor Name: WILLIAM ALBERTH, JR.

Address: 2715 Crystal Way, Prairie Grove, IL, USA

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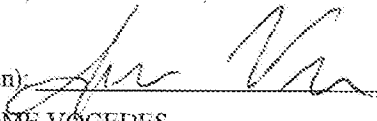
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Signature (hand written): _____ Date: _____

Inventor Name: CRISTINA SEIBERT

Address: 875 Jackson St, Mountain View, CA 94043

Signature (hand written):  _____ Date: 4/22/2020

Inventor Name: JEROME VOGELDES

Address: 1111 North Marshall Street, Unit 505, Milwaukee, WI, USA

Signature (hand written): _____ Date: _____

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Signature (hand written): Cristina Seibert Date: 4/22/2020

Inventor Name: CRISTINA SEIBERT

Address: 875 Jackson St, Mountain View, CA 94043

Signature (hand written): _____ Date: _____

Inventor Name: HEROME VOIGTES

Address: 1111 North Marshall Street, Unit 505, Milwaukee, WI, USA

Signature (hand written): _____ Date: _____

Inventor Name: WILLIAM ALBERTH JR.

Address: 2715 Crystal Way, Prairie Grove, IL, USA