506670920 05/19/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6717735

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHISHEK RAVI	04/21/2021
GREGORY J. BUITKUS	04/22/2021
SAI RAVI TEJA BOGGAVARAPU	03/10/2021
RAAJITHA GUMMADI	03/22/2021
DEREK KANE	03/16/2021
YU-HSUAN CHANG	03/10/2021

RECEIVING PARTY DATA

Name:	DEKA PRODUCTS LIMITED PARTNERSHIP
Street Address:	340 COMMERCIAL STREET, DEKA
City:	MANCHESTER
State/Country:	NEW HAMPSHIRE
Postal Code:	03101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16938786

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 6036695139

Email: patents@dekaresearch.com KATHLEEN CHAPMAN **Correspondent Name:** 340 COMMERCIAL STREET Address Line 1:

Address Line 2: **DEKA**

Address Line 4: MANCHESTER, NEW HAMPSHIRE 03101

ATTORNEY DOCKET NUMBER:	AA301
NAME OF SUBMITTER:	KATHLEEN CHAPMAN
SIGNATURE:	/kathleen chapman/
DATE SIGNED:	05/19/2021

PATENT REEL: 056286 FRAME: 0442

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Total Attachments: 8 source=AA301Assign#page1.tif source=AA301Assign#page2.tif source=AA301Assign#page3.tif source=AA301Assign#page4.tif source=AA301Assign#page5.tif source=AA301Assign#page6.tif source=AA301Assign#page7.tif source=AA301Assign#page8.tif

PATENT REEL: 056286 FRAME: 0443

ASSIGNMENT

ASSIGNOR: Abhishek Ravi, Gregory J. Buitkus, Sai Ravi Teja Boggavarapu,

Raajitha Gummadi, Derek Kane, and Yu-Hsuan Chang

ASSIGNEE: DEKA Products Limited Partnership

340 Commercial Street Manchester, NH 03101

STATE OF INCORPORATION OF ASSIGNEE: New Hampshire

TITLE: System and Method for Free Space Estimation

ATTORNEY DOCKET: AA301

<u>APPLICATION NO.: 16/938,786</u>

FILED: July 24, 2020

This assignment applies to any invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having the above title, and for which the Assignor is an inventor or co-inventor. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor.

For valuable consideration, receipt of which is acknowledged, Assignor hereby assigns solely to Assignee (including Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues, reexaminations, and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, design, or substitute United States application which is based on the Application; any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, design, and substitutions thereof) based in part on any of the above described applications, any Patent Cooperation Treaty application, utility model application, short-term patent, and industrial design application based in whole or in part on the Invention, the Application, and/or any of the above described applications.

Assignor hereby declares and warrants that, at the time of execution and delivery of this Assignment, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor has not assigned the invention to any other entity.

Assignor further agrees that Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including

PATENT REEL: 056286 FRAME: 0444

applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and, all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's relationship with Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including, but not limited to, attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. And the Assignor does hereby also grant unto Assignee the right to claim priority to the Application.

Date: Apr. 122,3021 Signature: K

Kathleen Chapman, for Assignee, DEKA Products Limited Partnership

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 04 21 2021	KAhishak
	Abhishek Ravi

STATE OF NEW HAMPSHIRE) ss.
COUNTY OF HILLSBOROUGH)

On this day of day of day, before me, the undersigned notary public, personally appeared Abhishek Ravi, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 4/22/2021

Gregory Ø. Butkus

STATE OF NEW HAMPSHIRE

) ss.

COUNTY OF HILLSBOROUGH

On this <u>3</u> day of <u>Apr.</u> <u>30</u> 21, before me, the undersigned notary public, personally appeared Gregory J. Buitkus, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Kathleon Chapman

KATHLEEN CHACMAN, Notary Public My Commission Expines October 23, 2022



IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 03/10/2021

Sai Ravi Teja Boggavarapu

STATE OF NEW HAMPSHIRE

) ss.

COUNTY OF HILLSBOROUGH

On this day of day of day, , , before me, the undersigned notary public, personally appeared Sai Ravi Teja Boggavarapu, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal





IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

STATE OF NEW HAMPSHIRE COUNTY OF HILLSBOROUGH

On this day of day of day, day, before me, the undersigned notary public, personally appeared Raajitha Gummadi, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal





IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 03/16/2021

Derek Kane

STATE OF NEW HAMPSHIRE

) ss.

COUNTY OF HILLSBOROUGH

On this 1/4 day of 1/4 A by before me, the undersigned notary public, personally appeared Derek Kane, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal





IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date:		The Home Caro	
		Yu-Hsuan Chang	
STATE OF NEW HAMPSHIRE) 00		

)

On this Oday of Oday of Oday, before me, the undersigned notary public, personally appeared Yu-Hsuan Chang, proved to me through satisfactory evidence of identification, and known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



RECORDED: 05/19/2021

COUNTY OF HILLSBOROUGH



PATENT REEL: 056286 FRAME: 0451