

## PATENT ASSIGNMENT COVER SHEET

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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>
GAYATHRI VENUGOPAL	01/25/2022
SANTIAGO DE LUXÁN HERNÁNDEZ	01/19/2022
KARSTEN MÜLLER	01/24/2022
BENJAMIN BROSS	01/24/2022
HEIKO SCHWARZ	01/20/2022
DETLEV MARPE	01/24/2022
THOMAS WIEGAND	01/19/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
<b>Street Address:</b>	HANSASTRASSE 27C
<b>City:</b>	MÜNCHEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	80686
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17540527
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)521-4286
<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>	
<b>Phone:</b>	678-483-8899
<b>Email:</b>	dan.mcclure@mqlrllaw.com
<b>Correspondent Name:</b>	MCCLURE, QUALEY & RODACK, LLP
<b>Address Line 1:</b>	280 INTERSTATE NORTH CIRCLE SE
<b>Address Line 2:</b>	SUITE 550
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339
<b>ATTORNEY DOCKET NUMBER:</b>	251918-2310
<b>NAME OF SUBMITTER:</b>	DANIEL R. MCCLURE
<b>SIGNATURE:</b>	/Daniel R. McClure/

<b>DATE SIGNED:</b>	02/21/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 3</b> source=00951001#page1.tif source=00951001#page2.tif source=00951001#page3.tif	

## Combined Declaration and Assignment for Utility Patent and Design Patent Applications

### DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

Title:

REGION BASED INTRA BLOCK COPY

the application of which is attached hereto unless the following is checked

☒ was filed on December 2, 2021 as United States Application Number 17/540,527 and was filed on June 5, 2020 as PCT International Application Number PCT/EP2020/065672 and was amended on \_\_\_\_\_ (if applicable).

The above-identified application was made or authorized to be made by me.

I acknowledge the duty to disclose information that is material to the patentability of the invention, as defined in Title 37 Code of Federal Regulations § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

### ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

Assignee(s)  
Name/Address:

Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
Hansastraße 27c  
80686 München  
DE

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue

patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal Name  
of inventor ⇒

Gayathri VENUGOPAL

Date:

25/01/2022

Inventor's  
Signature ⇒

Legal Name  
of inventor ⇒

Santiago DE LUXÁN HERNÁNDEZ

Date:

19/01/22

Inventor's  
Signature ⇒

Legal Name  
of inventor ⇒

Karsten MÜLLER

Date:

29/01/2022

Inventor's  
Signature ⇒

Legal Name  
of inventor ⇒

Benjamin BROSS

Date:

24/01/2022

Inventor's  
Signature ⇒

Legal Name  
of inventor ⇒

Heiko SCHWARZ

Date:

20/01/22

Inventor's  
Signature ⇒

Legal Name  
of inventor ⇒

Detlev MARPE

Date:

24/01/2022

Inventor's  
Signature ⇒

PATENT

REEL: 059055 FRAME: 0676

Legal Name  
of inventor ⇒

Thomas WIEGAND

Date: 19.01.2022

Inventor's  
Signature ⇒



Note: Use an additional form for each additional inventor.