

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6724088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN PFAFF	04/15/2021
HEIKO SCHWARZ	04/15/2021
PHILIPP HELLE	05/07/2021
MICHAEL SCHÄFER	05/03/2021
ROMAN RISCHKE	04/23/2021
TOBIAS HINZ	04/28/2021
PHILIPP MERKLE	04/28/2021
BJÖRN STALLENBERGER	04/30/2021
MARTIN WINKEN	04/28/2021
MISCHA SIEKMANN	03/17/2021
DETLEV MARPE	04/20/2021
THOMAS WIEGAND	04/19/2021

RECEIVING PARTY DATA

Name:	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Street Address:	HANSASTRASSE 27C
City:	MUNICH
State/Country:	GERMANY
Postal Code:	80686

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17198750

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: 206-583-8888

Email: patentprocurement@perkinscoie.com

Correspondent Name: PERKINS COIE LLP

Address Line 1: PO BOX 1247

PATENT

Address Line 4:	SEATTLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	110971-9495.US01
NAME OF SUBMITTER:	DELLA REVECHO
SIGNATURE:	/Della Revecho/
DATE SIGNED:	05/21/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7 source=FH190908PUS-Declaration and Assignment 110971-9495.US01#page1.tif source=FH190908PUS-Declaration and Assignment 110971-9495.US01#page2.tif source=FH190908PUS-Declaration and Assignment 110971-9495.US01#page3.tif source=FH190908PUS-Declaration and Assignment 110971-9495.US01#page4.tif source=FH190908PUS-Declaration and Assignment 110971-9495.US01#page5.tif source=FH190908PUS-Declaration and Assignment 110971-9495.US01#page6.tif source=FH190908PUS-Declaration and Assignment 110971-9495.US01#page7.tif	

ATTORNEY DOCKET NUMBER: 110971-9495.US01, (FH190908PUS) - HHI - 2018P61520WOUS
DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION
USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title: AFFINE LINEAR WEIGHTED INTRA PREDICTIONS

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

United States application or PCT application number 17/198,750 filed on March 11, 2021.

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document;

Whereas, **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**, a corporation duly organized under and pursuant to the laws of Germany, having its principal place of business at Hangastrasse 27c, Munich, Germany, 80686, desires to acquire and each undersigned inventor desires to grant to **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for one dollar (\$1.00) and good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor, hereinafter referred to as **ASSIGNOR**, hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**, hereinafter referred to as **ASSIGNEE**, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the Assignee, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by the Assignee, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute, without charge to said Assignee but at the Assignee's expense, any and all documents and instruments and perform all lawful

ATTORNEY DOCKET NUMBER: 110971-9495.US01, (FH190908PUS) - HHI - 2018P61520WOUS

acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignee, its successors, legal representatives, and assigns, whenever requested by the Assignee, its successors, legal representatives, or assigns.

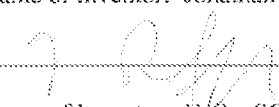
ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the Assignee and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the assignee, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

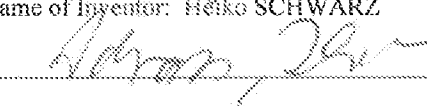
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

1) Legal Name of Inventor: Jonathan PFAFF

Signature: 

Date: 15.04.2021

2) Legal Name of Inventor: Heiko SCHWARZ

Signature: 

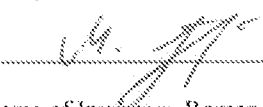
Date: 15.04.2021

3) Legal Name of Inventor: Philipp HELLE

Signature: _____

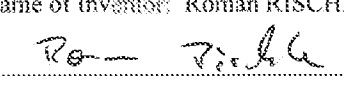
Date: _____

4) Legal Name of Inventor: Michael SCHÄFER

Signature: 

Date: 03.05.2021

5) Legal Name of Inventor: Roman RISCHKE

Signature: 

Date: 23.09.21

6) Legal Name of Inventor: Tobias HINZ

Signature: _____

Date: _____

7) Legal Name of Inventor: Philipp MERKLE

Signature: _____

Date: _____

ATTORNEY DOCKET NUMBER: 110971-9495.US01, (FH190908PUS) - HHI - 2018P61520WOUS

acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignee, its successors, legal representatives, and assigns, whenever requested by the Assignee, its successors, legal representatives, or assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the Assignee and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the assignee, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

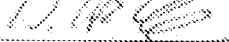
1) Legal Name of Inventor: Jonathan PFAFF

Signature: _____ Date: _____

2) Legal Name of Inventor: Heiko SCHWARZ

Signature: _____ Date: _____

3) Legal Name of Inventor: Philipp HELLE

Signature:  _____ Date: 05/07/2021

4) Legal Name of Inventor: Michael SCHÄFER

Signature: _____ Date: _____

5) Legal Name of Inventor: Roman RISCHKE

Signature: _____ Date: _____

6) Legal Name of Inventor: Tobias HINZ

Signature: _____ Date: _____

7) Legal Name of Inventor: Philipp MERKLE

Signature: _____ Date: _____

ATTORNEY DOCKET NUMBER: 110971-9495.US01, (FH190908PUS) - HHI - 2018P61520WOUS

acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignee, its successors, legal representatives, and assigns, whenever requested by the Assignee, its successors, legal representatives, or assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the Assignee and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the assignee, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

1) Legal Name of Inventor: Jonathan PFAFF

Signature: _____ Date: _____

2) Legal Name of Inventor: Heiko SCHWARZ

Signature: _____ Date: _____

3) Legal Name of Inventor: Philipp HELLE

Signature: _____ Date: _____

4) Legal Name of Inventor: Michael SCHÄFER

Signature: _____ Date: _____

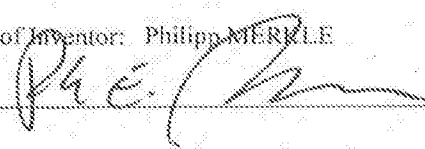
5) Legal Name of Inventor: Roman RISCHKE

Signature: _____ Date: _____

6) Legal Name of Inventor: Tobias HINZ

Signature: _____ Date: _____

7) Legal Name of Inventor: Philipp MERKLE

Signature:  _____ Date: 28 April 2021

ATTORNEY DOCKET NUMBER: 110971-9495.US01, (FH190908PUS) - HHI - 2018P61520WOUS

acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignee, its successors, legal representatives, and assigns, whenever requested by the Assignee, its successors, legal representatives, or assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the Assignee and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the assignee, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

1) Legal Name of Inventor: Jonathan PFAFF

Signature: _____ Date: _____

2) Legal Name of Inventor: Heiko SCHWARZ

Signature: _____ Date: _____

3) Legal Name of Inventor: Philipp HELLE

Signature: _____ Date: _____

4) Legal Name of Inventor: Michael SCHÄFER

Signature: _____ Date: _____

5) Legal Name of Inventor: Roman RISCHKE

Signature: _____ Date: _____

6) Legal Name of Inventor: Tobias HINZ

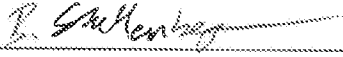
Signature:  _____ Date: 2021-04-28

7) Legal Name of Inventor: Philipp MERKLE

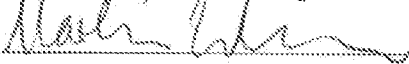
Signature: _____ Date: _____

ATTORNEY DOCKET NUMBER: 110971-9495.US01, (FH190908PUS) - HHI - 2018P61520WOUS

8) Legal Name of Inventor: Björn STALLENBERGER

Signature:  Date: 30.04.21

9) Legal Name of Inventor: Martin WINKEN

Signature:  Date: 28. Apr. 2021

10) Legal Name of Inventor: Mischa SIEKMANN

Signature:  Date: 17.03.2021

11) Legal Name of Inventor: Detlev MARPE

Signature: _____ Date: _____

12) Legal Name of Inventor: Thomas WIEGAND

Signature: _____ Date: _____

8) Legal Name of Inventor: Björn STALLENBERGER

Signature: _____ Date: _____

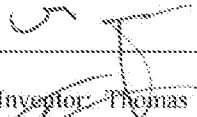
9) Legal Name of Inventor: Martin WINKEN

Signature: _____ Date: _____

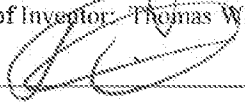
10) Legal Name of Inventor: Mischa SIEKMANN

Signature: _____ Date: _____

11) Legal Name of Inventor: Detlev MARPE

Signature:  _____ Date: 28.04.2021

12) Legal Name of Inventor: Thomas WIEGAND

Signature:  _____ Date: 13.4.2021