

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI380345

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Markus Schnell	07/26/2023
Manfred Lutzky	08/09/2023
Eleni Fotopoulou	07/29/2023
Konstantin Schmidt	11/03/2023
Conrad Benndorf	08/22/2023
Adrian Tomasek	08/21/2023
Tobias Albert	08/18/2023
Timon Seidl	12/06/2023
RECEIVING PARTY DATA	
Company Name:	Fraunhofer-Gesellschaft zur Foerderung 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:	18195213
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:	+1(650)838-4366
Email:	Patentprocurement@perkinscoie.com,jpallach@perkinscoie.com
Correspondent Name:	Jessica Pallach
Address Line 1:	Perkins Coie LLP - PAO general
Address Line 2:	P.O. Box 1247
Address Line 4:	Seattle, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	110971.9228.US08
NAME OF SUBMITTER:	Jessica Pallach
SIGNATURE:	Jessica Pallach

PATENT

DATE SIGNED:	07/23/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 24 source=110971-9228US08--DeclAssign#page1.tiff source=110971-9228US08--DeclAssign#page2.tiff source=110971-9228US08--DeclAssign#page3.tiff source=110971-9228US08--DeclAssign#page4.tiff source=110971-9228US08--DeclAssign#page5.tiff source=110971-9228US08--DeclAssign#page6.tiff source=110971-9228US08--DeclAssign#page7.tiff source=110971-9228US08--DeclAssign#page8.tiff source=110971-9228US08--DeclAssign#page9.tiff source=110971-9228US08--DeclAssign#page10.tiff source=110971-9228US08--DeclAssign#page11.tiff source=110971-9228US08--DeclAssign#page12.tiff source=110971-9228US08--DeclAssign#page13.tiff source=110971-9228US08--DeclAssign#page14.tiff source=110971-9228US08--DeclAssign#page15.tiff source=110971-9228US08--DeclAssign#page16.tiff source=110971-9228US08--DeclAssign#page17.tiff source=110971-9228US08--DeclAssign#page18.tiff source=110971-9228US08--DeclAssign#page19.tiff source=110971-9228US08--DeclAssign#page20.tiff source=110971-9228US08--DeclAssign#page21.tiff source=110971-9228US08--DeclAssign#page22.tiff source=110971-9228US08--DeclAssign#page23.tiff source=110971-9228US08--DeclAssign#page24.tiff	

**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: DOWNSCALED DECODING

As a below named inventor, I hereby declare that:

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

☒ [X] United States application or PCT application number 18/195,213 filed on May 9, 2023.

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

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ATTORNEY DOCKET NUMBER: 110971-9228.US08, FH160620PUS

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1) Legal Name of Inventor: Markus SCHNELL

Signature:  Date: 2023-07-26

2) Legal Name of Inventor: Manfred LUTZKY

Signature: _____ Date: _____

3) Legal Name of Inventor: Eleni FOTOPOULOU

Signature: _____ Date: _____

4) Legal Name of Inventor: Konstantin SCHMIDT

Signature: _____ Date: _____

5) Legal Name of Inventor: Conrad BENNDORF

Signature: _____ Date: _____

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6) Legal Name of Inventor: Adrian TOMASEK

Signature: _____ Date: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Timon SEIDL

Signature: _____ Date: _____

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1) Legal Name of Inventor: Markus SCHNELL

Signature: _____ Date: _____

2) Legal Name of Inventor: Manfred LUTZKY

Signature:  _____ Date: 9.8.2023

3) Legal Name of Inventor: Eleni FOTOPOULOU

Signature: _____ Date: _____

4) Legal Name of Inventor: Konstantin SCHMIDT

Signature: _____ Date: _____

5) Legal Name of Inventor: Conrad BENNDORF

Signature: _____ Date: _____

ATTORNEY DOCKET NUMBER: 110971-9228.US08, FH160620PUS

6) Legal Name of Inventor: Adrian TOMASEK

Signature: _____ Date: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Timon SEIDL

Signature: _____ Date: _____

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Signature: _____ Date: _____

2) Legal Name of Inventor: Manfred LUTZKY

Signature: _____ Date: _____

3) Legal Name of Inventor: Eleni FOTOPOULOU

Signature:  _____ Date: 29.7.23

4) Legal Name of Inventor: Konstantin SCHMIDT

Signature: _____ Date: _____

5) Legal Name of Inventor: Conrad BENNDORF

Signature: _____ Date: _____

6) Legal Name of Inventor: Adrian TOMASEK

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Signature: _____ Date: _____

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Signature: K. Schmidt Date: 3.11.2023

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Signature: _____ Date: _____

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Signature: _____ Date: _____

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Signature: _____ Date: _____

5) Legal Name of Inventor: Conrad BENNDORF

Signature: C. Benndorf Date: 22.8.2023

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Signature: _____ Date: _____

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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 Foerderung der angewandten Forschung e.V.** a corporation duly organized under and pursuant to the laws of Germany, having its principal place of business at Hansastrasse 27c, Munich, Germany, 80686, desires to acquire and each undersigned inventor desires to grant to **Fraunhofer-Gesellschaft zur Foerderung 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 Foerderung 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

ATTORNEY DOCKET NUMBER: 110971-9228.US08, FH160620PUS

Assignee but at the Assignee's expense, any and all documents and instruments and perform all lawful 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.

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1) Legal Name of Inventor: Markus SCHNELL

Signature: _____ Date: _____

2) Legal Name of Inventor: Manfred LUTZKY

Signature: _____ Date: _____

3) Legal Name of Inventor: Eleni FOTOPOULOU

Signature: _____ Date: _____

4) Legal Name of Inventor: Konstantin SCHMIDT

Signature: _____ Date: _____

5) Legal Name of Inventor: Conrad BENNDORF

Signature: _____ Date: _____

6) Legal Name of Inventor: Adrian TOMASEK

Signature:  Date: 21.08.2023

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Timon SEIDL

Signature: _____ Date: _____

**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: DOWNSCALED DECODING

As a below named inventor, I hereby declare that:

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

☒ [X] United States application or PCT application number 18/195,213 filed on May 9, 2023.

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.

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5) Legal Name of Inventor: Conrad BENNDORF

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6) Legal Name of Inventor: Adrian TOMASEK

Signature: _____ Date: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature:  Date: 18.08.23

8) Legal Name of Inventor: Timon SEIDL

Signature: _____ Date: _____

ATTORNEY DOCKET NUMBER: 110971-9228.US08, FH160620PUS, IIS1a - 2015P57367 US09

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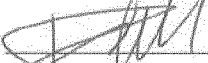
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Signature: _____ Date: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Timon SEIDL

Signature:  _____ Date: 06.12.2023