

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7126995

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARKUS SCHNELL	07/20/2021
MANFRED LUTZKY	07/22/2021
ELENI FOTOPOULOU	07/20/2021
KONSTANTIN SCHMIDT	12/23/2021
CONRAD BENNDORF	07/24/2021
ADRIAN TOMASEK	07/26/2021
TOBIAS ALBERT	07/20/2021
TIMON SEIDL	10/29/2021
RECEIVING PARTY DATA	
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:	17367037
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:	650-838-4300
Email:	Patentprocurement@perkinscoie.com, jpallach@perkinscoie.com
Correspondent Name:	PERKINS COIE LLP - PAO GENERAL
Address Line 1:	P.O. BOX 1247
Address Line 4:	SEATTLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	110971-9228.US03
NAME OF SUBMITTER:	JESSICA PALLACH
SIGNATURE:	/Jessica Pallach/

DATE SIGNED:	01/18/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 24 source=110971-9228US03--DeclAssign#page1.tif source=110971-9228US03--DeclAssign#page2.tif source=110971-9228US03--DeclAssign#page3.tif source=110971-9228US03--DeclAssign#page4.tif source=110971-9228US03--DeclAssign#page5.tif source=110971-9228US03--DeclAssign#page6.tif source=110971-9228US03--DeclAssign#page7.tif source=110971-9228US03--DeclAssign#page8.tif source=110971-9228US03--DeclAssign#page9.tif source=110971-9228US03--DeclAssign#page10.tif source=110971-9228US03--DeclAssign#page11.tif source=110971-9228US03--DeclAssign#page12.tif source=110971-9228US03--DeclAssign#page13.tif source=110971-9228US03--DeclAssign#page14.tif source=110971-9228US03--DeclAssign#page15.tif source=110971-9228US03--DeclAssign#page16.tif source=110971-9228US03--DeclAssign#page17.tif source=110971-9228US03--DeclAssign#page18.tif source=110971-9228US03--DeclAssign#page19.tif source=110971-9228US03--DeclAssign#page20.tif source=110971-9228US03--DeclAssign#page21.tif source=110971-9228US03--DeclAssign#page22.tif source=110971-9228US03--DeclAssign#page23.tif source=110971-9228US03--DeclAssign#page24.tif	

ATTORNEY DOCKET NUMBER: 110971-9228.US03, FH160614PUS, IIS1a - 2015P57367 US01

**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 17/367,037 filed on July 2, 2021.

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

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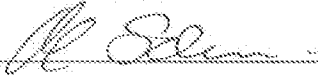
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1) Legal Name of Inventor: Markus SCHNELL

Signature:  Date: 20.07.2021

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:

ATTORNEY DOCKET NUMBER: 110971-9228.US03; ~~FN160614PUS~~, HSTw - 2015P57367 US01

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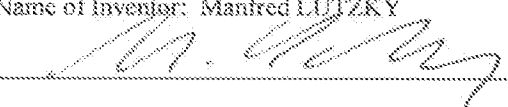
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1) Legal Name of Inventor: Markus SCHNELL

Signature: _____ Date: _____

2) Legal Name of Inventor: Manfred LUTZKY

Signature:  _____ Date: 22.7.2021

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: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Timon SEIDL

Signature: _____ Date: _____

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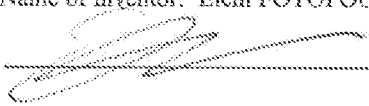
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Signature: _____ Date: _____

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Signature:  _____ Date: 20/07/21

4) Legal Name of Inventor: Konstantin SCHMIDT

Signature: _____ Date: _____

5) Legal Name of Inventor: Conrad BENNDORF

Signature: _____ Date: _____

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Signature: _____ Date: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Timon SEIDL

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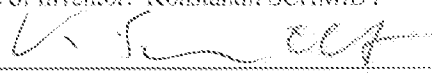
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Signature: _____ Date: _____

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Signature: _____ Date: _____

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Signature:  Date: 13. 12. 2021

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Signature: _____ Date: _____

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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: 2027-07-24

ATTORNEY DOCKET NUMBER: 110971-0228.US03, ~~PH160614~~PUS, HS1a - 201SP57367 US1

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: _____

ATTORNEY DOCKET NUMBER: 110971-9228.US03, FH160614PUS, IIS1a - 2015P57367 US01

**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):

☒ United States application or PCT application number 17/367,037 filed on July 2, 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 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.US03, FH160614PUS, IIS1a - 2015P57367 US1

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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: 26.07.2021

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Timon SEIDL

Signature: _____ Date: _____

ATTORNEY DOCKET NUMBER: 110971-9228.US03, FH160614PUS, HSI# - 2015P57367 US01

**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:

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ATTORNEY DOCKET NUMBER: 110971-9228.US03, FII160614PUS, IIS1a - 2015P57367 US1

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Signature: _____ Date: _____

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4) Legal Name of Inventor: Konstantin SCHMIDT

Signature: _____ Date: _____

5) Legal Name of Inventor: Conrad BENNDORF

Signature: _____ Date: _____

ATTORNEY DOCKET NUMBER: 110971-9228.US03, FH160614PUS, IIS1a - 2015P57367 US1

6) Legal Name of Inventor: Adrian TOMASEK

Signature: _____ Date: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature: T. ALBERT Date: 20.07.2021

8) Legal Name of Inventor: Timon SEIDL

Signature: _____ Date: _____

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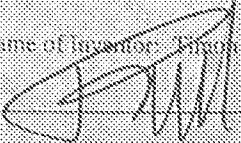
6) Legal Name of Inventor: Adrian TOMASEK

Signature: _____ Date: _____

7) Legal Name of Inventor: Tobias ALBERT

Signature: _____ Date: _____

8) Legal Name of Inventor: Tilmann SEIDL

Signature:  _____ Date: 29. Oct 2021