PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEIKO KALTE	12/15/2022
DOMINIK LUBELEY	12/13/2022

RECEIVING PARTY DATA

Name:	DSPACE GMBH	
Street Address:	RATHENAUSTR. 26	
City:	PADERBORN	
State/Country:	GERMANY	
Postal Code:	33102	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18082288

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER: 1012/0284PUS1	
NAME OF SUBMITTER:	KAREN S. MAULDIN
SIGNATURE:	/Karen S. Mauldin/
DATE SIGNED:	12/15/2022

Total Attachments: 4

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507650489 PATENT REEL: 062109 FRAME: 0559

MUNCY, GEISSLER, OLDS & LOWE, P.C.

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No.	Filed	MAAA
Insert Name(s) of Inventor(s)			
	WHEREAS, Heiko KALTE and Dominik LU	JBELEY	
	(hereinafter designated as the undersigned)	has (have) invented certain new and useful improve	ments in
Insert Title of Invention	METHOD FOR DATA COMMUNICATION BE for which an application for Letters Patent of the		, the undersigned
	(except in the case of a provisional application).	officer states of America has been executed by	the undersigned
Insert Date of Signing of Application	on		; and
Insert Name of Assignee	WHEREAS, dSPACE GmbH		, 2000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000, 1000,
Insert Address of Assignee	of Rathenaustr. 26, 33102 Paderborn, GER	MANY	
	its heirs, successors, legal representatives and assign the entire right, title and interest in and to said invent in the United States of America and		
CHECK BOX IF APPROPRIATE	in any foreign countries.		
	NOW, THEREFORE, in consideration of the sum of which is hereby acknowledged, and other good and and transferred, and by these presents does sell, assisthe said invention in the United States of America, title and interest in and to any and all Letters Patent(its territories, dependencies and possessions, and if the	I valuable consideration, the undersigned has (have) s gn and transfer unto said Assignee the full and exclu- its territories, dependencies and possessions and the s) which may be granted therefor in the United States	sold, assigned usive right to e entire right, s of America,
	and to any and all divisions, reissues, continuations, which the same may be granted.	conversions and extensions thereof for the full term	or terms for

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

11.1 / A

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 15.12.2022	Name of Inventor	(signature) Heiko KALTE	_
		(digitation) Total Interes	
Date,	Name of Inventor	(signature) Dominik LUBELEV	

MUNCY, GEISSLER, OLDS & LOWE, P.C.

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No	Filed	,
Insert Name(s) of Inventor(s)	•		
	WHEREAS, Heiko KALTE and Dominik LUI	BELEY	
	(hereinafter designated as the undersigned) I	as (have) invented certain new and useful improvements	s in
Insert Title of Invention	METHOD FOR DATA COMMUNICATION BET for which an application for Letters Patent of the (except in the case of a provisional application).	WEEN SUBREGIONS OF AN FPGA United States of America has been executed by the	undersigned
Insert Date of Signing of Application	on	;;	and
Insert Name of Assignee	WHEREAS, dSPACE GmbH		
Insert Address of Assignee	of Rathenaustr. 26, 33102 Paderborn, GERN	MANY	
		(hereinafter designated as the Assignee) is desirous of ac n and in and to any Letters Patent(s) that may be granted	
CHECK BOX IF APPROPRIATE	in any foreign countries.		
	of which is hereby acknowledged, and other good and and transferred, and by these presents does sell, assig the said invention in the United States of America, it title and interest in and to any and all Letters Patent(s)	One Dollar (\$1.00) to the undersigned in hand paid, the valuable consideration, the undersigned has (have) sold, an and transfer unto said Assignee the full and exclusive as territories, dependencies and possessions and the entimental which may be granted therefor in the United States of A box above is designated, in any and all foreign countries.	nssigned right to re right, America,
	and to any and all divisions, reissues, continuations, on which the same may be granted.	conversions and extensions thereof for the full term or te	erms for

Page 1 of 2

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date			Name of Inventor (signature) Heiko KALTE
Date	13.12.2022	······••	Name of Inventor (signature) Dominik LUBELEY 68013940DE1F453

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