506975630 11/12/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7022469

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEIKO KALTE	11/05/2021
DOMINIK LUBELEY	11/05/2021

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17518288

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SIGNATURE:	/Martin R. Geissler/
DATE SIGNED:	11/12/2021

Total Attachments: 2

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PATENT 506975630 REEL: 058101 FRAME: 0478

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

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ASSIGNMENT

	Application No. <u>17/518,288</u>	Filed November 3, 2021
Insert Name(s) of Inventor(s)		
	WHEREAS, Heiko KALTE and Dominik LU	BELEY
	(hereinafter designated as the undersigned)	nas (have) invented certain new and useful improvements in
Insert Title of Invention	COMPUTER-IMPLEMENTED METHOD FOR REAL-TIME SIMULATION NETWORK	R RESTRUCTURING A PREDEFINED DISTRIBUTED
	for which an application for Letters Patent of the (except in the case of a provisional application).	United States of America has been executed by the undersigne
Insert Date of Signing of Application	on	; and
Insert Name of Assignee	WHEREAS, <u>dSPACE digital signal pro</u>	cessing and control engineering GmbH
Insert Address of Assignee	of Rathenaustr. 26, D-33102 Paderborn, C	<u>Sermany</u>
		(hereinafter designated as the Assignee) is desirous of acquiring on and in and to any Letters Patent(s) that may be granted therefor
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 receipt valuable consideration, the undersigned has (have) sold, assigned in and transfer unto said Assignee the full and exclusive right to its territories, dependencies and possessions and the entire right, which may be granted therefor in the United States of America, it box above is designated, in any and all foreign countries;
	and to any and all divisions, reissues, continuations,	conversions and extensions thereof for the full term or terms for

which the same may be granted.

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

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

Date	11/05/2021 ,	Name of Inventor(signature) Heiko KALTE	
Date	11/05/2021,	Name of Inventor (signature) Dominik LUBELEY	