506208255 08/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6254995

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARKUS SCHNELL	06/17/2020
CONRAD BENNDORF	07/06/2020
TOBIAS ALBERT	05/20/2020
MANFRED LUTZKY	06/18/2020
ADRIAN TOMASEK	06/09/2020

RECEIVING PARTY DATA

Name:	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
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Postal Code:	80686

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16866280

CORRESPONDENCE DATA

Fax Number: (703)563-9748

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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SUITE 404 Address Line 2:

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	PJK5283878
NAME OF SUBMITTER:	IRENE REE
SIGNATURE:	/IRENE REE/
DATE SIGNED:	08/18/2020

Total Attachments: 6



ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)), have made an invention entitled:

CONTROLLING BANDWIDTH IN ENCODERS AND/OR DECODERS

for which I/WE executed an application for United States Letters Patent that was filed or will be filed in the United States Patent and Trademark Office; and

WHEREAS, Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., a corporation of Germany, whose post office address is Hansastraße 27c, 80686 München, Germany (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Director of United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors and assigns, execute all divisional, continuation, and reissue

£	AND, I/WE H	EREBY a	authorize a	nd request the	attorneys I/v	we have	empowered	in the	Power of
Attorne	in this applic	cation, to	insert here	in parenthese	s (Applicatio	n No	5/866,280	, fi	led on
May 4, 2)20) the filin	ng date and	application n	umber of sai	d applica	ation when k	nown.	

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

I. FULL NAME OF SOLE OR FIRST ASSIGNOR SCHNELL, Markus	assignoks signature	DATE 17.06.2020
ADDRESS Labenwolfstr. 15 90409 Nürnberg, Ge	rmany	CITIZENSHIP Germany
2. FULL NAME OF SECOND ASSIGNOR, IF ANY RAVELLI, Emmanuel	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Donato-Polli-Str. 58 91056 Erlangen, (Crizenship France	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY BENNDORF, Conrad	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Heroldstr. 13 90408 Nürnberg, Germa	CITIZENSHIP Germany	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY ALBERT, Tobias	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Dorfgraben 11 97348 Rödelsee, Germa	CITIZENSRIP Germany	
s. Full name of fifth assignor, if any LUTZKY, Manfred	ASSIGNOR'S SIGNATURE	DATE
address Heinrich-von-Brentano-Straße 9 90427	CUIZENSHIP Germany	
5. FULL NAME OF SIXTH ASSIGNOR, IF ANY TOMASEK, Adrian	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Eichenwaldstraße 30 90513 Zirndorf, (Germany	CHIZENSHIP Germany

	AND, I/WE HE	REBY at	athorize and	request the	attorneys I	l/we have	empowered i	n the Power of
Attorne	y in this applica	ition, to ir	isert here in	parentheses	s (Applicat	ion No. <u>1</u> 6	5/866,280	, filed on
May 4, 20)20	the filing	date and ap	plication m	umber of sa	aid applica	ition when ki	nown.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

i. full name of sole or first assignor SCHNELL, Markus	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Labenwolfstr. 15 90409 Nümberg, Ge		CTUZENSHIP Germany
2. FULL NAME OF SECOND ASSIGNOR, IF ANY RAVELLI, Emmanuel	ASSEJNOR'S SIGNATURE	DATE
ADDRESS Donato-Polli-Str. 58 91056 Erlangen,	Germany	CTTZERSHIP France
3. FULL NAME OF THIRD ASSIGNOR, IF ANY BENNDORF, Conrad	ASSERVOE'S SIGNATURE.	2020-07-06
address Heroldsir. 13 90408 Nümberg, Germa	CITIZENSHIP Germany	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY ALBERT, Tobias	ASSECTOR'S SIGNATURE	DATE
ADDRESS Dorfgraben 11 97348 Rödelsee, Germa	any	CITIZENSHIP Germany
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY LUTZKY, Manfred	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Heinrich-von-Brentano-Straße 9 9042	CHTZENSHIP Germany	
5. FULL NAME OF SIXTH ASSIGNOR, IF ANY TOMASEK, Adrian	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Eichenwaldstraße 30 90513 Zirndorf, (Germany	CITIZENSHIP Germany

ANE), I/WE HEREBY authorize and request the attorneys I/we have empowered in the	ie Power of
Attorney in	this application, to insert here in parentheses (Application No. 16/866,280	, filed on
May 4, 2020	the filing date and application number of said application when know	'n.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

	***************************************	*************************************
. FULL NAME OF SOLE OR FIRST ASSIGNOR SCHNELL, Markus	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	***************************************	CITIZENSHIP
Labenwolfstr. 15 90409 Nürnberg, Gen	v	Germany
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
RAVELLI, Emmanuel		
ADDRESS	***************************************	CITIZENSHIP
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B. FULL NAME OF THIRD ASSIGNOR, IF ANY BENNDORF, Conrad	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	***************************************	CITIZENSHIP
Heroldstr. 13 90408 Nürnberg, German	У	Germany
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY ALBERT, Tobias	ASSIGNOR'S SIGNATURE	20.05.2020
ADDRESS	The Control of the Co	CITIZENSHIP
Dorfgraben 11 97348 Rödelsee, Germa	ny	Germany
F. FULL NAME OF FIFTH ASSIGNOR, IF ANY LUTZKY, Manfred	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
Heinrich-von-Brentano-Straße 9 90427	Nürnberg, Germany	Germany
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY TOMASEK, Adrian	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
Eichenwaldstraße 30 90513 Zirndorf, G	ermany	Germany
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Power	Oİ.
Attorney in this application, to insert here in parentheses (Application No. 16/866,280 , filed on	
May 4, 2020) the filing date and application number of said application when known.	

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

FOLL NAME OF SOLE OF PERST ASSIGNOR SCHNELL, Markus	ASSIGNOR'S SENATURE	\$4X712	
Abbiness Labenwolfstr. 15 90409 Nürnberg, Gei	Gennany		
PULL NAME OF SECOND ASSIGNOR, IF ANY RAVELLI, Emmanuel	ASSICNOR'S SIGNATURE	PATE	
ADDRESS Donato-Polli-Str. 58 91056 Erlangen, C	CITIZENSHIP France		
. PULL NAME OF THIRD ASSIGNOR, IF ANY BENNDORF, Conrad	ASSIONOR'S SIGNATURE	DATE	
ADDRUSS Heroldstr. 13 90408 Nürnberg, Germar	CHTZENSHIP Germany		
i. full name of fourth assignor, if any ALBERT, Tobias	ASSIGNATURE	DATE	
aboruss Dorfgraben 11 97348 Rödelsee, Germs	my	Germany	
FULL NAME OF FIFTH ASSIGNOR, IF ANY LUTZKY, Manfred	ASSIGNORES SIGNATORE	18. 6. 2020	
ADDRESS Heinrich-von-Brentano-Straße 9 90427	CTUZENSHIP Germany		
6. PULL NAME OF SIXTH ASSIGNOR, IF ANY TOMASEK, Adrian	ASSIGNOR'S SIGNATURE	DATE	
ABDRESS Eichenwaldstraße 30 90513 Zirndorf, C	CTIZESSIOP Germany		

	AND, I/WE	HEREBY:	authorize a	nd request the	attomeys I/	'we have	empowered i	in the Powe	r of
Attorne	y in this appl	ication, to	insert here	in parenthese	s (Applicatio	on No. <u>1</u>	6/866,280	, filed or	O.
May 4, 2	2020	) the filir	ng date and	application n	umber of sa	id applic	ation when ki	nown.	

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I. FULL NAME OF SOLE OR FIRST ASSIGNOR SCHNELL, Markus	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
Labenwolfstr. 15 90409 Nürnberg, Gerr	Germany	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY RAVELLI, Enunanuel	ASSIGNOR'S SIGNATURE	DATE
Address	CITIZENSHIP	
Donato-Polli-Str. 58 91056 Erlangen, G	France	
9. FULL NAME OF THIRD ASSIGNOR, IF ANY BENNDORF, Conrad	ASSIGNOR'S SIGNATURE	OATE
ADDRESS	Critzenship	
Heroldstr. 13 90408 Nürnberg, German	Germany	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY ALBERT, Tobias	ASSIGNOR'S SIGNATURE	DATE.
ADDRESS	CITIZENSHIP	
Dorfgraben 11 97348 Rödelsee, Germai	Germany	
s. FULL NAME OF FIFTH ASSIGNOR, IF ANY LUTZKY, Manfred	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSRIP	
Heinrich-von-Brentago-Straße 9 90427	Germany	
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY TOMASEK, Adrian	ASSIGNOR'S SIGNATURE	DATE \$,6.2020
ADDRESS	cottzexship	
Eichenwaldstraße 30 90513 Zirndorf, G	Germany	

PATENT REEL: 053522 FRAME: 0507

**RECORDED: 08/18/2020**