PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDUARDO ANTÔNIO BARROS DA SILVA	06/17/2021
MURILO BRESCIANI DE CARVALHO	06/17/2021
CARLA LIBERAL PAGLIARI	06/17/2021
MARCIO PINTO PEREIRA	06/17/2021
GUSTAVO DE OLIVEIRA E ALVES	06/17/2021
FERNANDO MANUEL BERNARDO PEREIRA	06/17/2021
CARLA FLORENTINO SCHUELER	06/17/2021
VANESSA TESTONI	06/17/2021
ISMAEL SEIDEL	06/17/2021
PEDRO GARCIA FREITAS	06/17/2021

RECEIVING PARTY DATA

Name:	SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA.
Street Address:	RUA THOMAS NILSEN JÚNIOR, № 150 PARTE A - PARQUE IMPERADOR,
City:	CAMPINAS, SÃO PAULO
State/Country:	BRAZIL
Postal Code:	13097-105
Name:	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO
Name: Street Address:	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO AVENIDA PEDRO CALMON, 550 - PRÉDIO DA REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA
	AVENIDA PEDRO CALMON, 550 - PRÉDIO DA REITORIA, 2º ANDAR -
Street Address:	AVENIDA PEDRO CALMON, 550 - PRÉDIO DA REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17352691

CORRESPONDENCE DATA

(202)434-1501 Fax Number:

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.

PATENT

REEL: 056602 FRAME: 0551 506725256

Phone: 2024341500

Email: Isivatko@s-n-h.com STAAS & HALSEY LLP

Correspondent Name:

Address Line 1: 1201 NEW YORK AVENUE, N.W.

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	2248.1066
NAME OF SUBMITTER:	TEMNIT AFEWORK
SIGNATURE:	/Temnit Afework/
DATE SIGNED:	06/21/2021

Total Attachments: 10

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IN CONSIDERATION of good and valuable consideration provided to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. RUA THOMAS NILSEN JÚNIOR, Nº 150 PARTE A - PARQUE IMPERADOR, CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

PEDRO GARCIA FREITAS

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO AVENIDA PEDRO CALMON, 550 – PRÉDIO DA REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA RIO DE JANEIRO - RJ, CEP: 21941-901, BRAZIL

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

ASSIGNEE the entire and exclusive right, title and inte (Title of invention)	erest to the invention entitled
METHOD FOR FOUR-DIMENSIONAL INTRA-	PREDICTION CODING AND DECODING OF LIGHT FIELD DATA
relating to international Patent Application PCT// America was executed on even date herewith or, if no	and/or for which application for Letters Patent of the United States of also executed, was:
(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filed on . Serial No. TBA	Any registered attorney or patent agent of STAAS & HALSEY ILP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified
Senai No. 16A	data, when known.
and/or on said application and any rights of priority, expantes review, post grant review and covered busines	United States of America and of any and all other countries granted on said invention xtension, continuation, division, renewat, substitute, reissue, reviews (including inter is method review), supplemental examination, interference, or reexamination or which the said Letters Patent(s) may be granted and including any extensions thereof ers Patent(s)").
all acts which the ASSIGNEE may deem necessary, of invention in the United States of America and in any a application(s) and the issuance of said Letters Patenti reissue, reviews, supplemental examination, interfere proceeding which may arise or be declared in relation	by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do desirable or expedient, for securing, maintaining and enforcing protection for said and all other countries, including in the preparation and prosecution of said (s), and in any rights of priority, extension, continuation, division, renewal, substitute, ince, reexamination, or public use proceeding, and in any litigation or other legal to same, such acts to include but not be limited to executing all papers, including nitful paths, providing sworn testimony, and obtaining and producing evidence.
IN WITNESS WHEREOF, the undersigned inventor (Typed Name/& Signature of Inventor(s))	(Date) (Typed Name & Signature of Witness(es))
1)	June 17, 2021
2)	
3)CARLA LIBERAL PAGLIARI	
4) MARCIO PINTO PEREIRA	
5)	
6) FERNANDO MANUEL BERNARDO PEREIRA	
7) CARLA FLORENTINO SCHUELER	
8)VANESSA TESTONI	
9)ISMAEL SEIDEL	

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Serial No. TBA	(202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
and/or on said application and any rights of priority, ex partes review, post grant review and covered business	United States of America and of any and all other countries granted on said invention dension, continuation, division, renewal, substitute, reissue, reviews (including inter s method review), supplemental examination, interference, or reexamination r which the said Letters Patent(s) may be granted and including any extensions and Letters Patent(s)").
all acts which the ASSIGNEE may deem necessary, divention in the United States of America and in any all application(s) and the issuance of said Letters Patent(reissue, reviews, supplemental examination, interferent proceeding which may arise or be declared in relation	by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to dilestrable or expedient, for securing, maintaining and enforcing protection for said and all other countries, including in the preparation and prosecution of said (s), and in any rights of priority, extension, continuation, division, renewal, substitute, nce, reexamination, or public use proceeding, and in any litigation or other legal to same, such acts to include but not be limited to executing all papers, including that oaths, providing sworn testimony, and obtaining and producing evidence.
IN WITNESS WHEREOF, the undersigned inventor (Typed Name & Signature of Inventor(s))	r(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))
1) EDUARDO ANTÔNIO BARROS DA SILVA	
2) Musico Bresciani de Carvalho	June 17, 2021
3)CARLA LIBERAL PAGLIARI	
4)	
5) GUSTAVO DE OLIVEIRA E ALVES	
6) FERNANDO MANUEL BERNARDO PEREIRA	
7)CARLA FLORENTINO SCHUELER.	
8)	
9) ISMAEL SEIDEL	

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SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. RUA THOMAS NILSEN JÚNIOR, Nº 150 PARTE A - PARQUE IMPERADOR, CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

PEDRO GARCIA FREITAS

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO AVENIDA PEDRO CALMON, 550 -- PRÉDIO DA REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA RIO DE JANEIRO - RJ, CEP: 21941-901, BRAZIL

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ASSIGNEE the entire and exclusive right, title and interest (Title of Invention)	i to the invention entitled
METHOD FOR FOUR-DIMENSIONAL INTRA-PRE	DICTION CODING AND DECODING OF LIGHT FIELD DATA
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and/or on said application and any rights of priority, extens partes review, post grant review and covered business me	ted States of America and of any and all other countries granted on said invention sion, continuation, division, renewal, substitute, reissue, reviews (including inter ethod review), supplemental examination, interference, or reexamination ich the said Letters Patent(s) may be granted and including any extensions thereof latent(s)*).
all acts which the ASSIGNEE may deem necessary, desir- invention in the United States of America and in any and a application(s) and the issuance of said Letters Patent(s), a reissue, reviews, supplemental examination, interference, proceeding which may arise or be declared in relation to s	aid ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do able or expedient, for securing, maintaining and enforcing protection for said ill other countries, including in the preparation and prosecution of said and in any rights of priority, extension, continuation, division, renewal, substitute, reexamination, or public use proceeding, and in any litigation or other legal ame, such acts to include but not be limited to executing all papers, including oaths, providing swom testimony, and obtaining and producing evidence.
IN WITNESS WHEREOF, the undersigned inventor(s) (Typed Name & Signature of Inventor(s)) 1) EDUARDO ANTÔNIO BARROS DA SILVA	has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))
2) MURILO BRESCIANI DE CARVALHO	
	ine 17, 2021
4) MARCIO PINTO PEREIRA	
5)GUSTAVO DE OLIVEIRA E ALVES	
6) FERNANDO MANUEL BERNARDO PEREIRA	
7) CARLA FLORENTINO SCHUELER	
8)	
9)ISMAEL SEIDEL	

IN CONSIDERATION of good and valuable consideration provided to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. RUA THOMAS NILSEN JÚNIOR, № 150 PARTE A - PARQUE IMPERADOR, CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

PEDRO GARCIA FREITAS

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO AVENIDA PEDRO CALMON, 550 – PRÉDIO DA REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA RIO DE JANEIRO - RJ, CEP: 21941-901, BRAZIL

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby selfs, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention) METHOD FOR FOUR-DIMENSIONAL INTRA-PREDICTION CODING AND DECODING OF LIGHT FIELD DATA and/or for which application for Letters Patent of the United States of relating to International Patent Application PCT/_ America was executed on even date herewith or, if not so executed, was: (a) executed on ; (Insert date of execution of application, if not concurrent) Any registered attorney or patent agent of STAAS & HALSEY LLF. (b) filed on , 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified Serial No. TBA data, when known. and to said application and all Letters Patent(s) of the United States of America and of any and all other countries granted on said invention and/or on said application and any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews (including interparties review, post grant review and covered business method review), supplemental examination, interference, or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"), The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention in the United States of America and in any and all other countries, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), and in any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews, supplemental examination, interference, reexamination, or public use proceeding, and in any lifegation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful caths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Witness(es)) (Typed Name & Signature of Inventor(s)) (Date) EDUARDO ANTÔNIO BARROS DA SILVA MURILO BRESCIANI DE CARVALHO CARLA LIBERAL PAGLIARI June 17, 2021 demisely MARCIO PINTO PEREIRA GUSTAVO DE OLIVEIRA E ALVES FERNANDO MANUEL BERNARDO PEREIRA CARLA FLORENTINO SCHUELER VANESSA TESTONI ISMAEL SEIDEL

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IN CONSIDERATION of good and valuable consideration provided to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. RUA THOMAS NILSEN JUNIOR, Nº 150 PARTE A - PARQUE IMPERADOR, CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

AVEN	ERSIDADE FEDERAL DO RIO DE JANEIF NIDA PEDRO CALMON, 550 — PRÉDIO DA DE JANEIRO - RJ, CEP: 21941-901, BRAZ	REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA
ASSIG	efter, "ASSIGNEE"), the receipt of which is hereby ac NEE the entire and exclusive right, title and interest to if Invention)	knowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to the invention entitled
METH	IOD FOR FOUR-DIMENSIONAL INTRA-PRED	ICTION CODING AND DECODING OF LIGHT FIELD DATA
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(a)	executed on ;	(Insert date of execution of application, if not concurrent)
	filed on ,	Any registered attorney or patent agent of STAAS & HALSEY LP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005
Ser	hat No. TBA	(202/434-1500) is hereby authorized to insert in (b) the specified data, when known
and/or partes applica	on said application and any rights of priority, extensio review, post grant review and covered business meth	States of America and of any and all other countries granted on said invention n, continuation, division, renewal, substitute, reissus, reviews (including inter od review), supplemental examination, interference, or reexamination the said Letters Patent(s) may be granted and including any extensions thereof ant(s)").
inventi applica reissua procee procee separa IN \	which the ASSIGNEE may deem necessary, desirab on in the United States of America and in any and all ation(s) and the issuence of said Letters Patent(s), and or reviews, supplemental examination, interference, re- iding which may arise or be declared in relation to san alle assignments and declarations, taking all rightful or MITNESS WHEREOF, the undersigned inventor(s) ha	
7	yped Name & Signature of Inventor(s))	(Date) (Typed Name & Signature of Witness(es))
EDU	JARDO ANTÔMIO BARROS DA SILVA	
2) MUI	RILO BRESCIANI DE CARVALHO	
3) CAF	RLA LIBERAL PAGLIARI	
4)	RCIO PINTO PEREIRA	
₅₎ _(L. A. A. A.	e 17, 2021
6)	MANDO MANUEL BERNARDO PEREIRA	
7) CAF	RLA FLORENTINO SCHUELER	
	ESSA TESTONI	
9)	AEL SEIDEL	
10) PE	DRO GARCIA FREITAS	

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SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. RUA THOMAS NILSEN JÚNIOR, Nº 150 PARTE A - PARQUE IMPERADOR, CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

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METHOD FOR FOUR-DIMENSIONAL INTRA-PR	REDICTION CODING AND DECODING OF LIGHT FIELD DATA
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all acts which the ASSIGNEE may deem necessary, de invention in the United States of America and in any and application(s) and the issuance of said Letters Patent(s) reissue, reviews, supplemental examination, interference proceeding which may arise or be declared in relation to	y said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do sirable or expedient, for securing, maintaining and enforcing protection for said d all other countries, including in the preparation and prosecution of said t, and in any rights of priority, extension, continuation, division, renewal, substitute, se, reexamination, or public use proceeding, and in any litigation or other legal to same, such acts to include but not be limited to executing all papers, including til oaths, providing sworn testimony, and obtaining and producing evidence.
IN WITNESS WHEREOF, the undersigned inventor((Typed Name & Signature of Inventor(s)) 1)	s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))
1) EDUARDO ANTÔNIO BARROS DA SILVA	
2)	
3) CARLA LIBERAL PAGLIARI	
4)	
5)	
6) FERNANDO MANUEL BERNARDO PEREIRA	June 17, 2021
7)CARLA FLORENTINO SCHUELER	
8)	
9)	

688 558

IN CONSIDERATION of good and valuable consideration provided to the undersigned inventor(s) (hereination "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(8))

SAMSUNG ELETRÓNICA DA AMAZÓNIA LTDA. RUA THOMAS NILSEN JÚNIOR, Nº 150 PARTE A - PARQUE IMPERADOR. CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

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METHOD FOR FOUR DIMENSIONAL INTRA-PREDICTION CODING AND DECODING OF LIGHT FIELD DATA

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con said application and any rights of priority, a review, post grant review and covered busins ation based thereon, for the full term or terms t	e United States of America extension, continuation, dis se mathod review), supple to which the said Letters F	s and of any and all other countries granted on selid invention rision, renewal, substitute, release, reviews (including inter mental examination, interference, or reexamination
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JARDO ANTONIO BARROS DA GILVA		
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NA LIBERAL PAGLIARI	·····	
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NANCO MANUEL BERNARDO PEREIRA		
ZA PLORENTINO SCHUELER	June 17, 2021	
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	g to International Parent Application PCT/ ce was executed on even date herewith or, if it executed on ; filed on , risk No. TBA said application and all Letters Patent(s) of the resid application and all Letters Patent(s) of the risk application and environtes of priority, and even post grant review and onwered businessed hereon, for the full term or ferms to the type the post grant review and converse businessed theory, hereinafter, "said application(s) and Letters terms to the type the post of the full term or ferms to the post of the ASSIGNOR agree(s), when requested a which the ASSIGNOR agree(s) and the society the post of the full terms of the United States of America and to any attention, and the issuance of said Letters Patente, reviews, supplemental examination, interference and which may arise or be declared in relational exemplements and declared on taking all right.	Signt on . Any registered of 1301 New York (2024/3-1530) data, when knot sell application and all Letters Patent(s) of the United States of America or solid application and eny rights of priority, extension, continuation, showing part review and covered business method review), supplied solid based thereon, for the full form or ferms for which the said Letters Patent(s)? The ASSIGNOR agree(s), when requested by said ASSIGNEE and is switch the ASSIGNORE and sometimes and in any and at other countries, including the taxonice of said Letters Patent(s), and in any rights of prescription, and the taxonice of said Letters Patent(s), and in any rights of prescriptions, supplemental examination, interference, resonantistion, or pushing which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include which may arise of be declared in relation to same, such acts to include the patent of the manner (s) (Cate) JUNE 17, 2021 JUNE 17, 2021 LA FLORENTINO SCHUELER BESA TESTON!

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SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. RUA THOMAS NILSEN JÚNIOR, Nº 150 PARTE A - PARQUE IMPERADOR, CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

PEDRO GARCIA FREITAS

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO

AVENIDA PEDRO CALMON, 850 - PRÉDI RIO DE JANEIRO - RJ, CEP. 21941-901, B	O DA REITORIA, 3 IRAZIL	" ANDAR - CIDADE UNIVERSITAI	RIA
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(a) executed on ;	(insert date of s	residion of application, if not concurrent)	
(b) Section.	Any registered	siliomey or palent agent of STAAS & HALSE	EYWA]
Serial No. TBA	7201 New York (202/434-1500) data, when kno	Averuse, N.W., Suite 700 Washington, D.C. is territy authorized to insert in (b) the spe- en	20005 cifled
The ASSKINOR agree(s), when requested to all acts which the ASSKINEE may been necessary, do invention in the United States of America and in any anaptication(s) and the issuance of said Letters Patentificeses, reviews, supplemental examination, interferent proceeding which may arise or be declared in relation is separate assignments and declarations, taking all right IN WITNESS WHEREOF, the undersigned inventor (Typed Name & Signature of Inventor(s))	estrable or expedient, for all all other countries, av s), and in any rights of p on, recummention, or p to same, such acts to in ful caths, providing swo	r securing, maintaining and enforcing protectuality in the preparations and prosecution of cluding in the preparations and prosecution of strictly, extension, continuation, division, sensible under the proceeding, and in any fitigation or clude but not be limited to executing all page on testimony, and obtaining and producing a	ction for said of said ewol, substitute, other legal ers, including evidence
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IN CONSIDERATION of good and valuable consideration provided to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insart Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELETRÔNICA DA AMAZÔNIA L'IDA.
RUA THOMAS NILSEN JÚNIOR, Nº 150 PARTE A - PARQUE IMPERADOR,
CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO AVENIDA PEDRO CALMON, 550 – PRÉDIO DA REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA RIO DE JANEIRO - RJ, CEP: 21941-901, BRAZIL

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

METHOD FOR FOUR-DIMENSIONAL INTRA-PREDI	ICTION CODING AND DECODING OF LIGHT FIELD DATA
relating to International Patent Application PCT// executed on even date herewith or, if not so executed, was:	and/or for which application for Letters Patent of the United States of America was
(s) executed on ;	(Insert date of execution of application, if not concurrent)
(b) Red on .	Any registered elforney or patent agent of STAAS & HALSEY U.P.
Senal No. TBA	1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified date, when known.
said application and any rights of priority, extension, continue grant review and covered business method review), supplier	States of America and of any and all other countries granted on said invention and/or on attorn, division, renewal, substitute, reissue, reviews (including inter parties review, post tental examination, interference, or reexamination application based thereon, for the full inted and including any extensions thereof (collectively, hereinafter, "said application(s)
which the ASSIGNEE may deem necessary, desirable or exp States of America and in any and all other countries, includin	ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts rectient, for securing, maintaining and enforcing protection for said invention in the United of in the preparation and prosecution of said application(s) and the issuance of said invention division property and the insulance of said

which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for sald invention in the United States of America and in any and all other countries, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), and in any rights of priority, extension, continuation, thission, renewal, substitute, reissue, reviews, supplemental examination, interference, reasonimation, or public use proceeding, and in any lifigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful paths, providing swom testimony, and obtaining and producing evidence.

iN WITNESS WHEREOF, the undersigned inve (Typed Name & Signature of Inventor(s))	ntor(s) has (have) affixed his/he (Date)	riftheir signature(s). (Typed Name & Signature of Wilness(es))
(1) EDUARDO ANTÔNIO BARROS DA SILVA		
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3) CARLA LIBERAL PAGLIARI		
4)		
4) MARCIO PINTO PEREIRA		***************************************
5) GUSTAVO DE OLIVEIRA E ALVES	***************************************	
6) FERNANDO MANUEL BERNARDO PEREIRA		
7) CARLA FLORENTINO SCHUELER		
8)		
VANESSA TESTONI		
8) VANESSA TESTONI 9) SMAEL SEIDEL 10)	June 17, 2021	
10)		
PEDRO GARCIA FREITAS		

IN CONSIDERATION of good and valuable consideration provided to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELETRÔNICA DA AMAZÔNIA LTDA. RUA THOMAS NILSEN JÚNIOR, Nº 150 PARTE A - PARQUE IMPERADOR, CAMPINAS, SÃO PAULO, 13097-105, BRAZIL

PEDRO GARCIA FREITAS

RECORDED: 06/21/2021

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO AVENIDA PEDRO CALMON, 550 - PRÉDIO DA REITORIA, 2º ANDAR - CIDADE UNIVERSITÁRIA RIO DE JANEIRO - RJ, CEP: 21941-901, BRAZIL

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(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filed on ,	Any registered attorney or patent agent of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005
Serial No. TBA	(202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
and/or on said application and any rights of priority, exter partes review, post grant review and covered business m	nited States of America and of any and all other countries granted on said invention insion, continuation, division, renewal, substitute, reissue, reviews (including inter nethod review), supplemental examination, interference, or reexamination which the said Letters Patent(s) may be granted and including any extensions thereo Patent(s)").
all acts which the ASSIGNEE may deem necessary, des invention in the United States of America and in any and application(s) and the issuance of said Letters Patent(s), reissue, reviews, supplemental examination, interference proceeding which may arise or be declared in relation to	said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to desirable or expedient, for securing, maintaining and enforcing protection for said all other countries, including in the preparation and prosecution of said, and in any rights of priority, extension, continuation, division, renewal, substitute, s, reexamination, or public use proceeding, and in any litigation or other legal same, such acts to include but not be limited to executing all papers, including to oaths, providing swom testimony, and obtaining and producing evidence.
IN WITNESS WHEREOF, the undersigned inventor(s (Typed Name & Signature of Inventor(s))	(Date) (Typed Name & Signature of Witness(es))
1)EDUARDO ANTÔNIO BARROS DA SILVA	
2)	
3)	
4) MARCIO PINTO PEREIRA	
5)	
6) FERNANDO MANUEL BERNARDO PEREIRA	
7) CARLA FLORENTINO SCHUELER	
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9)ISMAEL SEIDEL	
10) (Kello bena Frates	June 18, 2021