505109923 09/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5156683

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
TOBIAS HINZ		04/27/2015
HARICHARAN LAKSHMAN		04/14/2015
JAN STEGEMANN		04/14/2015
PHILIPP HELLE		04/14/2015
MISCHA SIEKMANN		04/14/2015
KARSTEN SUEHRING		04/14/2015
DETLEV MARPE		04/14/2015
HEIKO SCHWARZ		04/14/2015
CHRISTIAN BARTNIK		04/14/2015
ALI ATEF IBRAHIM KHAIRAT AB	DELHAMID	04/14/2015
HEINER KIRCHHOFFER		04/14/2015
THOMAS WIEGAND		04/20/2015

RECEIVING PARTY DATA

Name:	GE VIDEO COMPRESSION, LLC
Street Address:	8 SOUTHWOODS BOULEVARD
City:	ALBANY
State/Country:	NEW YORK
Postal Code:	12211

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16140796

CORRESPONDENCE DATA

Fax Number:

(703)770-7901

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.Phone:703-770-7900Email:docket_ip@pillsburylaw.com, barbie.beavers@pillsburylaw.comCorrespondent Name:GE VIDEO COMPRESSION, LLC C/O PILLSBURYAddress Line 1:PO BOX 10500

MCLEAN, VIRGINIA 22102

505109923

Address Line 4:

ATTORNEY DOCKET NUMBER:	038929-0461823	
NAME OF SUBMITTER:	BARBIE BEAVERS	
SIGNATURE:	/barbie beavers/	
DATE SIGNED:	09/25/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6		
source=DECLARATIONANDASSIGNMENT#page1.tif		
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source=DECLARATIONANDASSIGNMENT#page5.tif		
source=DECLARATIONANDASSIGNMENT#page6.tif		

Attorney Docket No. 50501.572

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

SCALABLE VIDEO CODING USING SUBBLOCK-BASED CODING OF TRANSFORM COEFFICIENT BLOCKS IN THE ENHANCEMENT LAYER		
As a below named INVENTOR/ASSIGNOR, I hereby declare that:		
This declaration [] The attached application, or		
is directed to: Inited States application or PCT international application number <u>14/666,662</u> filed on <u>March 24, 2015</u>		
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 hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.		
l acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.		
WHEREAS, GE Video Compression, LLC		
(hereinafter referred to as "ASSIGNEE") having places of business at: <u>A Southwoods Boulevard, Albany, New York</u> <u>12211, USA</u> , is desirous of acquiring the entire right, title, and interest in, to, and under said invention and any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;		
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title, and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute, or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property or other relevant International Treaties and Arrangements.		
ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;		
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention, and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF FIRST INVENTOR/ASSIGNOR		
Inventor: Tobias HINZ Date: 04/27/2015		
Signature: 7. (Lance 2		

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR		
Inventor: Haricharan LAKSHMAN	Date:	
Signature: LEGAL NAME OF THIRD INVENTOR/ASSIGNOR		
	Date:	14.04.2015
Inventor: Jan STEGEMANN	Date:	<u>111.07.0013</u>
Signature:		
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR		ALC DI CONT
Inventor: Philipp AIELLE/	Date:	14042015
Signature:		
LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR		
Inventor: Mischa SIEKMANN	Date:	14.04 2015
Signature: M. La		
LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR		
Inventor: Karsten SUEHRING	Date:	341441 2015
	•	
Signature: <u>SSS</u> LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR		
Inventor: Detlev MARPE	Data	0411412015
	Loade.	
LEGAL NAME OF EIGHTH INVENTOR/ASSIGNOR	·	04/14/2015
Inventor: Heiko SCHWARZ	Date:	
Signature: Ochapo 200		
LEGAL NAME OF NINTH INVENTOR/ASSIGNOR		
Inventor: Christian BARTNIK	Date:	<u></u>
Signature: C. Brullen		
LEGAL NAME OF TENTH INVENTOR/ASSIGNOR		
Inventor: Ali Atef Ibrahim KHAIRAT ABDELHAMID	Date:	
Signature:		
LEGAL NAME OF ELEVENTH INVENTOR/ASSIGNOR		
Inventor: Heiner KIRCHHOFFER	Date:	04/14/2019 1
17 Y W W W		and the second
Signature: 人、人人人人 LEGAL NAME OF TWELFTH INVENTOR/ASSIGNOR		
	Franka.	- 94/2012015 I
Inventor: Thomas WIEGAND	Date:	<u>~~~~</u> [
Signature: (/ CS-C)		

2

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

As a below named INVENTOR/ASSIGNOR, I hereby declare that: This declaration The attached application, or is directed to: Inited States application or PCT international application number 14/666,662 filed on March 24, 2015 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 hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56. WHEREAS, GE Video Compression, LLC (hereinather referred to as "ASSIGNEE") having places of businessat: <u>8 Southwoods Boulevard</u> . Alhany, New York 12211, USA is desirous of acquiring the entire right, title, and interestin, to, and under said Invention and any Letters Patent that may be granted therefore in the United States and in any and all foreign countries; NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR for the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive which the same may be granted; and all Letters Patent and application of the use of or the relative and Arrangements. ASSIGNOR for the said invention, and all Letters Patent and application the word, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property or other relevant International Treaties and Ar	SCALABLE VIDEO CODING USING SUBBLOCK-BASED CODING OF TRANSFORM COEFFICIENT BLOCKS Title THE ENHANCEMENT LAYER	IN	
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	LEGAL NAME OF FIRST INVENTOR/ASSIGNOR		
	Inventor: Tobias HINZ Date:		

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	
Inventor: Haricharan LAKSHMAN	Date:
Signature:	·
LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: Jan STEGEMANN	Date:
Signature:	
Signature: LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
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Signature:	
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Inventor: Mischa SIEKMANN	Date:
Signature:	
Signature: LEGAL NAME OF SIXTH INVENTOR/ASSIGNOR	
Inventor: Karsten SUEHRING	Date:
Signature:	
LEGAL NAME OF SEVENTH INVENTOR/ASSIGNOR	
Inventor: Detlev MARPE	Date:
Signature:	
LEGAL NAME OF EIGHTH INVENTOR/ASSIGNOR	
Inventor: Heiko SCHWARZ	Date:
Signature:	
Signature: LEGAL NAME OF NINTH INVENTOR/ASSIGNOR	
Inventor: Christian BARTNIK	Date:
Signature:	
LEGAL NAME OF TENTH INVENTOR/ASSIGNOR	
Inventor: Ali Ateffbrahim KHAIRATABDELHAMID	Date: <u>14.04.2015</u>
Signature: Ali Khaild	
LEGAL NAME OF ELÈVENTH INVENTOR/ASSIGNOR	
Inventor:Heiner KIRCHHOFFER	Date:
Signature:	
LEGAL NAME OF TWELFTH INVENTOR/ASSIGNOR	
Inventor: Thomas WIEGAND	Date:
Signature:	

COMBINED DECLARATION/ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

Title SCALABLE VIDEO CODING USING SUBBLOCK-BASED CODING OF TRANSFORM COEFFICIENT BLOCKS IN THE ENHANCEMENT LAYER		
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LEGAL NAME OF FIRST INVENTOR/ASSIGNOR		
Inventor: Tobias HINZ Date:		
Signature:		

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	
Inventor: Haricharan LAKSHMAN	Date:14.04.2015
Signature: Amilarm	
LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
Inventor: Jan STEGEMANN	Date:
Signature:	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
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Signature:	
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Signature:	
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Signature:	