# 505566753 07/11/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5613550

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Da	
HENRY CHANG			10/18/2017		
MASATO FUJISHIRO				12/13/2017	
RECEIVING PARTY DA	ATA				
Name:	KYOCE	RA CORPORATION			
Street Address:	6 TAKE	DA TOBADONO-CHO, FUSHIMI-ł	(U		
City:	КҮОТС				
State/Country:	JAPAN	JAPAN			
Postal Code:	612-850	1			
PROPERTY NUMBERS Property Type	6 Total: 1	Number			
PROPERTY NUMBERS	6 Total: 1				
		<b>Number</b> 6477322			
Property Type					
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Attorney Docket No. <u>TPRO 00299</u> 弁護士事件番号

#### ASSIGNMENT 譲渡証書

(1-8)発明者名	(1)	(1-8) Name(s) of	(1) Henry CHANG	
	(1) (2)	Inventor(s)	(2) Masato FUJISHIRO	
			(3)	
	(3)			
	(4)		(4)	
	(5)		(5)	
	(6)		(6)	
	(7)		(7)	
	(8)		(8)	
	以下の署名者各々に対して支払われる価 値ある対価に基づき、下記署名者は被譲 渡人、		In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to	
(9)被譲渡人名	京セラ株式会社	(9) Name(s) of Assignee(s)	(9) KYOCERA Corporation	
(10、11)被譲渡人本店 所在地・住所	京都市伏見区竹田鳥羽殿町6番地 〒612-8501、日本国	(10) State of Incorporation of Assignee(s)	(10) (11) of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, Japan 612- 8501, and	
	(上記を、以下被譲渡人) へ、下記署名者が米国に於いて特許出願 した	(11) Address(es) of Assignee(s)	(hereinafter designated as the Assignee(s)) the entire worldwide right, title and interest in the invention known as	
(12)発明の名称、 件名番号、又は外国に於		(12) Identification of Invention, such as Title, Case	(12) <u>TRIGGERING OF BITRATE REQUEST</u> FOR CODEC RATE ADAPTATION_	
ける特許出願番号等の発 明を識別するもの		Number or Foreign	which was filed as U.S. Patent Application No.	
		Application Number	<u>62/454,469</u> on <u>February 3, 2017</u> ,	
	た外国での全ての特許出願として公知の 発明の世界各国に亙っての権利、所有権 及び利益を譲渡することに同意し、ここに譲 渡する。		for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.	
発行、分割出願及び継続出 とに同意する。さらに下記署	・ 巻明に関し米国及び外国に於ける原出願、再 景願に必要な全ての書類手続きを遂行するこ 著名者は、被譲渡人が必要もしくは便宜と看 に関し別個の譲渡手続きを行うことに同意す	connection with any States and foreign a also to execute sep	agree(s) to execute all papers necessary in r original, reissue, divisional and continuing United applications for the above identified invention and arate assignments in connection with such Assignee may deem necessary or expedient.	
2) 下記署名者は、当該出願又はその継続出願又は分割出願に関し提 起され得る抵触審査に関連して必要な全ての書類手続きを遂行すること に同意する。さらにかかる抵触審査が発生した際には、証拠の収集等事 態の進展に関し被譲渡人に対しあらゆる協力をすることに同意する。		2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.		
3) 下記署名者は、パリ条約条項又は類似の合意の要求又は規定に関 し必要な全ての書類手続き、及び必要と看做される行為全てを遂行する ことに同意する。		3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.		

<ul> <li>4)下記署名者は、被譲渡人が有効な米国特許の付与の獲得にあたり 必要と看做されるあらゆる積極的行動をとることに同意する。</li> <li>5)下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利益の被 譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許証を 被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名者 はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を有 すること、及び当該内容に違反する内容の契約は締結していないことを 誓約する。</li> <li>6)下記署名者は、これにより本書類の記録のために必要であるか、ま たは望ましい識別を促進するために本譲渡証に挿入する権限を顧客番 号:32968 で表される者に与えます。</li> </ul>		<ul> <li>United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest here in assigned and that he has (they have) not executed any agreement in conflict herewith.</li> <li>6) The undersigned hereby grant(s) to the persons associated with Customer Number: <b>32968</b> the power to insert on this assignment any further identification which may be necessary or desirable in order</li> </ul>		
		to comply with the rules of the United State Office for recordation of this document.		
発明者1	ann an an an an ann an ann an an ann an	Inventor 1: Henry CHANG		
署名	日付	Signature	Date Oct. 18, 2017	
		Inventor 2: Masato FUJISHIRO		
	日付	Signature	Date	
発明者3		Inventor 3:	Date	
署名 	日付	Signature	Dale	
 発明者4		Inventor 4:		
署名	日付	Signature	Date	
発明者5		Inventor 5:		
署名	日付	Signature	Date	
		Inventor 6:		
発明者6			Date	
署名	日付	Signature	Dale	
		laugadar 7.		
発明者7		Inventor 7:	Date	
署名	日付	Signature	Daie	
		loventor 8:		
		Inventor 8:	Date	
署名	日付	Signature	Daic	

### ASSIGNMENT 譲渡証書

(1-8)発明者名	(4)	(1-8) Name(s) of		
	(1)	Inventor(s)	(1) Henry CHANG	
	(2)		(2) Masato FUJISHIRO	
	(3)		(3)	
	(4)		(4)	
	(5)		(5)	
	(6)		(6)	
	(7)		(7)	
	(8)		(8)	
	以下の署名者各々に対して支払われる価 値ある対価に基づき、下記署名者は被譲 渡人、		In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to	
(9)被譲渡人名	京セラ株式会社	(9) Name(s) of Assignee(s)	(9) KYOCERA Corporation	
(10、11)被譲渡人本店 所在地・住所	京都市伏見区竹田鳥羽殿町6番地 〒612-8501、日本国 (上記を、以下被譲渡人)	(10) State of Incorporation of Assignee(s) (11) Address(es)	(10) (11) of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, Japan 612- 8501, and	
	(上記を、以下被譲渡人) へ、下記署名者が米国に於いて特許出願 した	of Assignee(s)	(hereinafter designated as the Assignee(s)) the entire worldwide right, title and interest in the invention known as	
(12)発明の名称、 件名番号、又は外国に於 ける特許出願番号等の発		(12) Identification of Invention, such as Title, Case	(12) <u>TRIGGERING OF BITRATE REQUEST</u> FOR CODEC RATE ADAPTATION	
明を識別するもの	で識別される特許出願として公知の発明、 及びそれに対応する若しくはそれに基づい	Number or Foreign Application	which was filed as U.S. Patent Application No.	
		Number	<u>62/454,469</u> on <u>February 3, 2017</u> ,	
	た外国での全ての特許出願として公知の 発明の世界各国に亙っての権利、所有権 及び利益を譲渡することに同意し、ここに譲 渡する。		for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.	
発行、分割出願及び継続出 とに同意する。さらに下記署	巻明に関し米国及び外国に於ける原出願、再 計願に必要な全ての書類手続きを遂行するこ 書名者は、被譲渡人が必要もしくは便宜と看 こ関し別個の譲渡手続きを行うことに同意す	connection with any States and foreign a also to execute sepa	agree(s) to execute all papers necessary in original, reissue, divisional and continuing United applications for the above identified invention and arate assignments in connection with such Assignee may deem necessary or expedient.	
2)下記署名者は、当該出願又はその継続出願又は分割出願に関し提 起され得る抵触審査に関連して必要な全ての書類手続きを遂行すること に同意する。さらにかかる抵触審査が発生した際には、証拠の収集等事 態の進展に関し被譲渡人に対しあらゆる協力をすることに同意する。		2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.		
3) 下記署名者は、パリ条約条項又は類似の合意の要求又は規定に関 し必要な全ての書類手続き、及び必要と看做される行為全てを遂行する ことに同意する。		3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.		

#### Attorney Docket No. <u>TPRO 60299</u> 并認士事件答号

<ul> <li>4)下記署名者は、被譲渡人が有効な米国特許の付与の獲得にあたり 必要と着做されるあらゆる積極的行動をとることに同意する。</li> <li>5)下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利益の被 譲渡人と着做し、当該出版又はその分割なび継続出額の米国特徴認定</li> </ul>		<ul> <li>4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.</li> <li>5) The undersigned hereby authorize(s) and request(s) the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Complexity of Patents to issue any and all Laters Patents of the Patents of the</li></ul>		
譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許証を 被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名者 はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を有 すること、及び当該内容に達反する内容の契約は締結していないことを 努約する。		Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest here in assigned and that he has (they have) not executed any agreement in conflict herewith.		
	本審額の記録のために必要であるか、ま ために本譲渡証に挿入する権限を顧客審 <sup>5</sup> えます。	6) The undersigned hereby grant(s) to the Customer Number: 32968 The power to any further identification which may be ne to comply with the rules of the United Sta Office for recordation of this document.	inseri on this assignment cessary or desirable in order	
発明者1	****	Inventor 1: Henry CHANG	***************************************	
<b>聚名</b>	日行	Signature	Date	
		Inventor 2: Masato FUJISHIRO		
署名	日付	Signature 藤代某人	Date Dec. 13 , 2017	
発明者3	·····	Inventor 3:	******	
署名	日付	Signature	Date	
		Inventor 4:		
署名	目付	Signature	Date	
		Inventor 5:	*****	
著名	日付	Signature	Date	
発明者6		Inventor 6:		
署名	日付	Signature	Date	
		Inventor 7:		
		Signature	Date	
 発明者8		Inventor 8:	I	
표명·유리 통名	日付	Signature	Date	

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RECORDED: 07/11/2019

### PATENT REEL: 049726 FRAME: 0155