# PATENT ASSIGNMENT COVER SHEET

	.2			EPAS ID:	PAT2592286	
SUBMISSION TYPE:		N	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		A	ASSIGNMENT			
CONVEYING PARTY DATA						
N			e	Execution Date		
TETSUYA TAKENAKA				09/11/2013		
RECEIVING PARTY DA	TA					
Name:	KYOCERA CO	ORPORATIO	N			
Street Address:	6 TAKEDA TO	BADONO-	СНО			
Internal Address:	FUSHIMI-KU					
City:	КҮОТО					
State/Country:						
Postal Code:	612-8501					
PROPERTY NUMBERS	Total: 1					
Property Ty	/pe		Number			
		14114152	52			
	)ATA	1			4152	
CORRESPONDENCE E		3)390-1277			4114152	
	(703 703	390 9051			14114152	
Fax Number: Phone: Email:	(703 703 info	390 9051 @sbpatentla				
Fax Number: Phone: Email: <i>Correspondence will be</i>	(703 703 info( sent via US Ma	390 9051 @sbpatentla ail when the	email attempt is unsuccessful.		0.00	
Fax Number: Phone: Email:	(703 703 info <i>sent via US Ma</i> STU	390 9051 @sbpatentla <i>ail when the</i> IDEBAKER			\$40.00	
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1: Address Line 2:	(703 703 info( s <i>ent via US Ma</i> STU 1270 SUI	390 9051 @sbpatentla ail when the IDEBAKER 00 SUNRISI TE 102	<i>email attempt is unsuccessful.</i> & BRACKETT PC E VALLEY DRIVE		0.00	
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1:	(703 703 info( s <i>ent via US Ma</i> STU 1270 SUI	390 9051 @sbpatentla ail when the IDEBAKER 00 SUNRISI	<i>email attempt is unsuccessful.</i> & BRACKETT PC E VALLEY DRIVE		\$40.00	
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1: Address Line 2:	(703 703 <i>info( sent via US Ma</i> STU 1270 SUI RES	390 9051 @sbpatentla ail when the UDEBAKER 00 SUNRISE TE 102 STON, VIRG	<i>email attempt is unsuccessful.</i> & BRACKETT PC E VALLEY DRIVE		\$40.00	
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	(703 703 <i>info(</i> STU 127( SUI RES	390 9051 @sbpatentla ail when the DEBAKER DO SUNRISH TE 102 STON, VIRG	<i>email attempt is unsuccessful.</i> & BRACKETT PC E VALLEY DRIVE SINIA 20191		\$40.00	
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	(703 703 <i>info(</i> STU 127( SUI RES	390 9051 @sbpatentla ail when the IDEBAKER 00 SUNRISE TE 102 STON, VIRG	email attempt is unsuccessful. & BRACKETT PC E VALLEY DRIVE GINIA 20191 D5000-K00099		\$40.00	
Fax Number: Phone: Email: <i>Correspondence will be</i> Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	(703 703 <i>info(</i> STU 127( SUI RES	390 9051 @sbpatentla ail when the IDEBAKER 00 SUNRISH TE 102 STON, VIRG	email attempt is unsuccessful. & BRACKETT PC E VALLEY DRIVE GINIA 20191 05000-K00099 ONALD R. STUDEBAKER		\$40.00	

Attorney Docket No.\_\_\_\_ 弁護士事件番号

### ASSIGNMENT 譲渡証書

(1-8)発明者名	(I)	(1-8) Name(s) of Impartor(s)	(1) TAKENAKA, Tetsuya	
	(2)		(2)	
	(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	京都市伏見区竹田島羽跋町6番地 〒612-8501、日本国	(10) State of Incorporation of Assignee(s) (11) Address(es) of Assignee(s)	(10) (11) of 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japau 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		(hereinafter designated as the Assignee(s)) the entire worldwide right, title and interest in the invention known as	
(12) 発明の名称、		(12) Identification	(12)	
件名番号、又は外国に 於ける特許出願番号等		of Invention, such as Tille, Case	COMMUNICATION DEVICE AND COMMUNICATION SYSTEM	
だける特計田願留考寺 の発明を識別するもの		Number or Foreign Application Number	which was filed as U.S. Patent Application No.	
	で識別される特許出願として公知の発	Approxition Number		
	明、及びそれに対応する若しくはそれ に基づいた外国での全ての特許出願と		07	
	に至ういた外国での主ての特許面積と して公知の発明の世界各国に互っての 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.	
願、再発行、分割出願及 遂行することに同意する。	の発明に関し米国及び外国に於ける原出 び継続出願に必要な全ての審頼手続きを 、さらに下記署名者は、被譲渡人が必要 際には、かかる出願に関し別個の譲渡手 る。	with any original, reis foreign applications fo	gree(s) to execute all papers necessary in connection sue, divisional and continuing United States and or the above identified invention and also to execute in connection with such applications as the Assignee or expedient.	
し提起され得る抵触審査 行することに同意する。	出願又はその継続出願又は分割出願に関 に関連して必要な全ての書類手続きを遂 さらにかかる抵触審査が発生した際に 進般に関し彼譲渡人に対しあらゆる協力	with any interference continuation or division	gree(s) to execute all papers necessary in connection which may be declared concerning this application or on thereof and to cooperate with the Assignee in every ning evidence and going forward with such	
	条約条項又は類似の合意の要求又は規定 手続き、及び必要と看做される行為全て 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.		
4)下記署名者は、被譲 たり必要と看做されるあ る。	渡人が有効な米国特許の付与の獲得にあ らゆる積極的行動をとることに同意す		gree(s) to perform all affirmative acts which may be grant of a valid United States patent to the Assignee.	
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# PATENT REEL: 031482 FRAME: 0930

#### Attorney Docket No. \_ 弁護士事件番号

5) The undersigned hereby authorize(s) and request(s) the 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,

6) The undersigned hereby grant(s) to the persons associated with Customer Number: 78198 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 United States Patent and Trademark Office for recordation of this document.

発明者1		Inventor I		
		行中哲也		
名前	日付	Name TAKENAKA, Tetsuya	Date 2018, 9, 11	
発明者 2		Inventor 2		
名前	目付	Name	Date	
発明者 3		Inventor 3		
名前	目衍	Name	Date	
発明者 <b>4</b>		Inventor 4		
名前	目付	Name	Date	
発明者 5		Inventor 5		
名前	目付	Name	Date	
発明者 6		Inventor 6		
名前	目付	Name	Date	
発明者 7		Inventor 7		
	日付	Name	Date	
発明者 8		Inventor 8		
名前	日付	Name	Date	

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

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

契約は締結していないことを誓約する。

限を顧客番号:78198 で表される者に与えます。

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## PATENT REEL: 031482 FRAME: 0931

### **RECORDED: 10/25/2013**