503464561 09/02/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3511186

		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
MIZUHO HIDAKA			07/29/2014	
NORIKAZU MORIOKA			07/29/2014	
HIROYOSHI KAWANISH	-11		07/29/2015	
RECEIVING PARTY DA	ТА			
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City:	KYOTO	D-SHI, ΚΥΟΤΟ		
State/Country:	JAPAN	1		
Postal Code:	612-85	01		
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Property Type				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	OATA e sent to	Number 14843874 o the e-mail address first; if that is unsud; if that is unsude; if that is unsuccessful, it will be sent		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone:	OATA e sent to	Number 14843874 o the e-mail address first; if that is unsud; if that is unsuccessful, it will be sent 619-525-3829		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email:	OATA e sent to	Number 14843874 o the e-mail address first; if that is unsub d; if that is unsuccessful, it will be sent 619-525-3829 docketing@procopio.com	via US Mail.	
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Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	OATA e sent to	Number 14843874 o the e-mail address first; if that is unsuble to the is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent 619-525-3829 docketing@procopio.com PROCOPIO / KYOCERA CORPORATION	via US Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name:	OATA e sent to	Number 14843874 o the e-mail address first; if that is unsuble if that is unsuccessful, it will be sent 619-525-3829 docketing@procopio.com PROCOPIO / KYOCERA CORPORATION 525 B STREET	via US Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	PATA e sent to provideo	Number 14843874 o the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent 619-525-3829 docketing@procopio.com PROCOPIO / KYOCERA CORPORATION 525 B STREET SUITE 2200 SAN DIEGO, CALIFORNIA 92101	via US Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	PATA e sent to provideo	Number 14843874 o the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent 619-525-3829 docketing@procopio.com PROCOPIO / KYOCERA CORPORATION 525 B STREET SUITE 2200 SAN DIEGO, CALIFORNIA 92101	via US Mail.	
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	PATA e sent to provideo	Number 14843874 o the e-mail address first; if that is unsuble d; if that is unsuccessful, it will be sent 619-525-3829 docketing@procopio.com PROCOPIO / KYOCERA CORPORATION 525 B STREET SUITE 2200 SAN DIEGO, CALIFORNIA 92101 114324-530CT1	via US Mail.	

Total Attachments: 4

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ASSIGNMENT 譲渡証書

(1-8)発明者名]	(1. P) Nomeral at	
(1-0)光明省名	(1)	(1-8) Name(s) of Inventor(s)	(1) HIDAKA, Mizuho
	(2)	4	(2) MORIOKA, Norikazu
	(3)	-	(3) KAWANISHI, Hiroyoshi
	(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, 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 ける特許出願番号等の発 明を識別するもの		(12) Identification of Invention, such as Title, Case Number or Foreign Application Number	(12) ELECTRONIC APPARATUS
	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		which was filed as U.S. Patent Application No.
	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.
1)下記署名者は、上記の発明に関し米国及び外国に於ける原出願、再 発行、分割出願及び継続出願に必要な全ての書類手続きを遂行するこ とに同意する。さらに下記署名者は、被譲渡人が必要もしくは便宜と看 做した際には、かかる出願に関し別個の譲渡手続きを行うことに同意す る。		 The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above identified invention and also to execute separate assignments in connection with such applications as the 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.	

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。		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		
 必要と有似されるあらゆる積極的行動をとることに同意する。 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。 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。 		 be necessary to obtain a grant of a valid United States patent to the Assignee. 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: 109007 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 1: HIDAKA, Mizuho		
署名	日付	signature Mizuho Hidaka	Date July 29, 2014	
		Importer 2: MODIOKA, N. Stur		
署名	日付	Inventor 2: MORIOKA, Norikazu		
		Norîkazu Morioka	Date July 29. 2014	
		Inventor 3: KAWANISHI, Hiroyoshi		
署名	日付	Signature	Date	
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著名	日付	Signature	Date	
2017年 7				
発明者5 第2		Inventor 5:		
署名	日付	Signature	Date	
		Inventor 6		
署名	日付	Inventor 6: Signature	Date	
	H 13	oignature	Date	
発明者7		louenter 7:		
	日付	Inventor 7: Signature	Data	
		orginaturo	Date	
899.*C				
		Inventor 8:		
ישר פור .	日付	Signature	Date	

ASSIGNMENT 譲渡証書

(1-8)発明者名	(1)	(1-8) Name(s) of Inventor(s)	(1) HIDAKA, Mizuho
	(2)]	(2) MORIOKA, Norikazu
	(3)		(3) KAWANISHI, Hiroyoshi
	(4)		(4)
	(5)		(5)
	(6)		(6)
	(7)		(7)
	(8)		(8)
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(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, Japan 612-8501, and
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(12)発明の名称、		(12) Identification	(12) <u>ELECTRONIC APPARATUS</u>
件名番号、又は外国に於 ける特許出願番号等の発		of Invention, such as Title, Case	which was filed as U.S. Patent Application No.
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、	Number or Foreign Application	on,
	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。	Number	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.
		1) The undersigned	agree(s) to execute all papers necessary in
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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。		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.		
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発明者1		Inventor 1: HIDAKA, Mizuho		
署名	日付	Signature	Date	
発明者2		Inventor 2: MORIOKA, Norikazu		
署名	日付	Signature	Date	
26日半0		Imantar 2: KAM/ANISHI Hirovachi		
発明者3 ^要 夕	D/#	Inventor 3: KAWANISHI, Hiroyoshi Signature Date		
署名	日付	Hiroyoshi Kananishi	July 29,2014	
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_ 発明者4 	日付	Signature	Date	
בר בר 				
	<u>, a ayaa aaaa aa ayaa ayaa aa aa aa aa aa</u>	Inventor 5:		
署名	日付	Signature	Date	
第四本の		Inventor 6:		
登明者6 署名	日付	Signature	Date	
1 8 1				
		Inventor 7:		
発明者7 ^{罢夕}	日付	Signature	Date	
署名	<u>кі п</u>	ognatio		
発明者8		Inventor 8:	Date	
署名	日付	Signature		

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PATENT REEL: 036482 FRAME: 0808

RECORDED: 09/02/2015