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RECORDATION FORM COVE Form PTO-1595 (Rev. 03/01) 103540111 PATENTS ONL) OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Ryohei Tokunaga (11/06/2008), Masahiro Hirata Name: Panasonic Electric Works Co., Ltd. (11/06/2008), and Hidetoshi Ueda (11/06/2008) Internal Address: Street Address: Additional name(s) of conveying party(ies) x No Yes 1048. Kadoma attached? Osaka 571-8686 3. Nature of Conveyance: **JAPAN** Merger x Assignment Change of Name Security Agreement City: Zip: Other State: Additional name(s) & Yes No in parentheses after inventor name Execution Date: address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: November 6, 2008 A. Patent Application No.(s): B. Patent No.(s): This application Additional numbers attached? Yes 6. Total number of applications and 5. Name and address of party to whom correspondence concerning document should be mailed: patents involved: Name: Thomas K. Scherer 7. Total fee (37 CFR 3.41) 40.00 OSHA · LIANG LLP **Enclosed** Internal Address: Atty. Dkt.: 03115/133001 Authorized to be charged to deposit account Street Address: 909 Fannin Street, Suite 3500 Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: City: State: Zip: 50-0591 77010 Houston TX (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. December 5, 2008 Date Name of Person Signing Total number of pages including cover sheet, attachments, and documents:

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ASSIGNMENT

譲渡証

本証末尾に署名した者(以下、「発明者」という)は、適正・相当な対価を受領しており、それが 十分な対価であることを認識した上で、

(氏名または組織名)

Panasonic Electric Works Co., Ltd. (住所)

1048, Kadoma; Osaka; 571-8686; JAPAN

(以下「会社」という)と、その承継人および譲受 人に対して、

(発明の名称)

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という名称で知られ、アメリカ合衆国において末尾署名者が特許申請をした発明(以下、「発明」という)にかかるアメリカ合衆国(その属領、支配地を含むがこれに限らない)におけるすべての権利、権原および利権を、当該特許申請、その分割、継続、一部継続、再発行及び延長、並びに、それらに対して与えられる全ての米国特許証とともに譲渡する。かかる利権とは、「会社」、その承継人、譲受人、またはそれらの法的代理人の上記申請に対する、及び、特許証が与えられたときはそれに対する、本譲渡が行われなかった場合に「発明者」に対して特許証が与えられ、また延長されることにより享受しうると同一の期間にわたる完全な所有権を意味する。

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as "INVENTOR(S)") hereby assign, transfer and set over to:

Panasonic Electric Works Co., Ltd. having the following address:

1048, Kadoma; Osaka; 571-8686; JAPAN

(referred to herein as "COMPANY"), its successors and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

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for which the undersigned has/have executed an application for patent in the United States of America (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations in part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

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さらに、本証末尾に署名した発明者は、それぞれ、 以下のとおり同意する。

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本証末尾に署名した「発明者」は、それぞれ、本証 の登記にあたりアメリカ合衆国特許商標庁の規則に 従って必要もしくは望ましい識別情報を本譲渡証に 挿入する権限をオーシャ・リャン法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation in part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP 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 the recordation of this document.

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以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

IN WITNESS WHEREOF, this
Assignment has been executed by each of the
undersigned individuals on the date appearing by
such individual's signature

	(署名)	11/6/08	德永 亮乎	
年月日	氏名 (楷書): Ryohei TOKUNAGA	Date	Name: Ryohei TOKUNAGA	
		11/6/08	平田真宏	
	(署名) 氏名 (楷書) : Masahiro HIRATA	Date	Name: Masahiro HIRATA	
年月日	氏名(楷書):IVIASANITO IIII.AIA	2400	TE TE	
	(署名)	11/6/08	旭田 天积-	
年月日	氏名(楷書): Hidetoshi UEDA	Date	Name: Hidetoshi UEDA	
	(署名)			
年月日	氏名(楷書):	Date	Name:	
	(署名)			
年月日	氏名(楷書):	Date	Name:	
	(署名)			
年月日	氏名(楷書):	Date	Name:	
- 本譲渡証はアメリカ合衆国のいずれかの州の公証人また		This Assignment may be signed before a Notary		
は下記に署名する2名の証人の面前で署名されるものと		Public for one of the States of the United States or		
する。 before two witnesses who sign below:		nesses who sign below:		
	(署名)			
年月日	氏名(楷書):	Date	Name:	
	(署名)			
年月日	氏名(楷書):	Date	Name:	
本譲渡証が特許申請書と同時に提出されなかった場合、下		Where this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information		
記識別情報が <u>後に</u> 追加されるものとする。		may be added a		
米国申請シリアル番号:		U.S. Applicati	U.S. Application Serial No.:	
申請日:		Filing Date:		

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