

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Masanori MISHIMA	03/01/2011
Hiroshi KIDO	03/01/2011
Masanao OKAWA	03/09/2011
Shohei YAMAMOTO	02/25/2011
Hirofumi KONISHI	03/07/2011
Katunobu HAMAMOTO	03/02/2011
RECEIVING PARTY DATA	
Name:	Panasonic Electric Works Co., Ltd.
Street Address:	1048, Oaza-Kadoma, Kadoma-shi
City:	Osaka
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13071762
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	MISH3002/EM
NAME OF SUBMITTER:	Eugene Mar

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Total Attachments: 4

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ASSIGNMENT

WHEREAS, I (we), Masanori MISHIMA, Hiroshi KIDO, Shohei YAMAMOTO, Masanao OKAWA, Hirofumi KONISHI and Katunobu HAMAMOTO whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in LOAD DETERMINATION DEVICE AND ILLUMINATION APPARATUS USING SAME

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even date herewith

executed on:

filed on:

Serial No.:

established by PCT International Patent Application No.:

filed:

designating the United States of America

WHEREAS, Panasonic Electric Works Co., Ltd.

whose post office address is 1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNMENT

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Assignor Name	Masanori MISHIMA	Address	Souraku-gun, Japan
Where Signed	Souraku-gun, Japan		
Date	March 1, 2011	Signature	三嶋 正徳
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Hiroshi KIDO	Address	Hirakata-shi, Japan
Where Signed	Hirakata-shi, Japan		
Date	March 1, 2011	Signature	城戸 大志
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Shohel YAMAMOTO	Address	Toyonaka-shi, Japan
Where Signed	Burlington, Massachusetts, USA		
Date		Signature	
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Masanao OKAWA	Address	Nara-shi, Japan
Where Signed	Nara-shi, Japan		
Date	March 9, 2011	Signature	大川 将直
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

ASSIGNMENT

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Assignor Name	Masanori MISHIMA	Address	Souraku-gun, Japan
Where Signed	Souraku-gun, Japan		
Date		Signature	
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Hiroshi KIDO	Address	Hirakata-shi, Japan
Where Signed	Hirakata-shi, Japan		
Date		Signature	
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Shohji YAMAMOTO	Address	Toyonaka-shi, Japan
Where Signed	Burlington, Massachusetts, USA		
Date	2/25/2011	Signature	山本正平
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Masanao OKAWA	Address	Nara-shi, Japan
Where Signed	Nara-shi, Japan		
Date		Signature	
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Hirofumi KONISHI	Address	Hirakata-shi, Japan
Where Signed	Hirakata-shi, Japan		
Date	March 7, 2011	Signature	小西 洋史
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature

Assignor Name	Katunobu HAMAMOTO	Address	Neyagawa-shi, Japan
Where Signed	Neyagawa-shi, Japan		
Date	March 2, 2011	Signature	濱野 勝信
Witness (optional)		Witness (optional)	
	Print/Type Name		Print/Type Name
	Signature		Signature