

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jun Kumagai	12/10/2009
Nobutoshi Matsuzaki	12/15/2009
Satoru Nagata	12/10/2009
RECEIVING PARTY DATA	
Name:	Panasonic Electric Works Co., Ltd.
Street Address:	1048 Kadoma, Kadoma-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	571-8686
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12606248
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	N8226.107
NAME OF SUBMITTER:	Mark J. Patterson

CH \$40.00 12606248

Total Attachments: 2
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PATENT
REEL: 023803 FRAME: 0628

ASSIGNMENT

In consideration of the payment of one (\$1.00) dollar, and for other good and valuable consideration, the receipt of which is hereby acknowledged, Jun Kumagai, Nobutoshi Matsuzaki and Satoru Nagata ("Assignors") assign to Panasonic Electric Works Co., Ltd. ("Assignee") their entire right, title, and interest in and to an invention entitled "HIGH-PRESSURE DISCHARGE LAMP BALLAST WITH MULTI-MODE LAMP STARTING CIRCUIT" (the "Invention"), and in any and all patents, reissue patents, certificates of inventorship, design registrations, utility models, and the like, that may be granted in the U.S. or in any foreign country with respect to the Invention and improvements thereto and in any application, including continuations, continuations-in-part, or divisions, that may be filed with respect to the Invention, or improvements thereto, including U.S. Patent App. No. 12/606,248, filed 10/27/2009.

Assignors will, without additional charge to Assignee but at Assignee's expense, cooperate with and assist Assignee such that Assignee may realize and fully enjoy all the rights assigned hereunder, including the preparation and execution of all papers needed by Assignee, and providing such information and assistance as may reasonably be required by Assignee in any administrative or legal proceeding to obtain or protect such rights.

Assignors represent and warrant that they have not publicly used or disclosed the Invention, and that they have not previously sold or offered to sell the Invention.

Assignors represent and warrant that they have not transferred, licensed, and/or assigned any interest in the Invention to anyone other than Assignee, and

that they have not entered into any contract, assignment, or license conveying any right granted to Assignee hereunder, or that would otherwise conflict with this Assignment.

This Assignment and each of its terms shall be binding on each Assignor, and his representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.

Jun Kumagai
Jun Kumagai

Dec. 10, 2009
Date

Souichi Nakai
Witness Souichi NAKAI

Dec. 15, 2009
Date

Chikako Kubota
Witness Chikako KUBOTA

Dec. 15, 2009
Date

Nobutoshi Matsuzaki
Nobutoshi Matsuzaki

Dec. 15, 2009
Date

Souichi Nakai
Witness Souichi NAKAI

Dec. 15, 2009
Date

Chikako Kubota
Witness Chikako KUBOTA

Dec. 15, 2009
Date

Satoru Nagata
Satoru Nagata

Dec 10, 2009
Date

Souichi Nakai
Witness Souichi NAKAI

Dec. 15, 2009
Date

Chikako Kubota
Witness Chikako KUBOTA

Dec. 15, 2009
Date