## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Junichi Hasegawa	04/28/2010
Nobutoshi Matsuzaki	04/28/2010

#### **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:	12711752

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: N8226.132

NAME OF SUBMITTER: Mark J. Patterson

Total Attachments: 2

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Attorney Docket No. N8226.132 Customer No. 23456

### 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, Junichi Hasegawa and Nobutoshi Matsuzaki ("Assignors") assign to Panasonic Electric Works Co., Ltd. of Osaka, Japan ("Assignee") their entire right, title, and interest in and to an invention entitled "ELECTRONIC BALLAST WITH FEEDBACK CURRENT CONTROL FOR PREHEATING OF LAMP FILAMENTS" (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.12/711,752, filed February 24, 2010.

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.

PATENT REEL: 024509 FRAME: 0658 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/her representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.

Junichi Hasegawa	4/28/2010
Junichi Hasegawa	Date
	4/28/2018
Witness Souichi NAKAI	Date
_ Clupako Kulota	4/28/20/0
Witness Chikako KUBOTA	Date
Nobatosli motseyohi	4/28/10
Nobutoshi Matsuzaki	Date
	4/28/2010
Witness Souichi NAKAI	Date
Chikaho Kuliota	4/28/20/0
Witness Chikako KUBOTA	Date

RECORDED: 06/09/2010