

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tohru NAKASHIBA	09/03/2010
Shinji HASHIMOTO	09/03/2010
Naoyuki KONDOU	09/03/2010
RECEIVING PARTY DATA	
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City:	Osaka
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12988401
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Total Attachments: 2 source=P39006_As#page1.tif source=P39006_As#page2.tif	

OP \$40.00 12988401

ASSIGNMENT

For value received, we, Tohru NAKASHIBA, Shinji HASHIMOTO and Naoyuki KONDOU, residing at c/o Panasonic Electric Works Co., Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan, hereby sell, assign, and transfer to Panasonic Electric Works Co., Ltd., a corporation existing under the laws of Japan, located 1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan, and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to

METHOD FOR MANUFACTURING OPTICAL WAVEGUIDE

described in an application for Letters Patent of the United States, having an oath or declaration by me/us executed on even date herewith; bearing Serial No. _____ and filed on _____ and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

The Assignor(s) hereby authorize(s) and request(s) the attorneys of Greenblum & Bernstein, P.L.C. of Reston, V.A., to insert in the spaces provided above the filing date, serial number, and attorney docket number of said application if not previously inserted.

Signature 中芝 徹
Tohru NAKASHIBA

Date September 3, 2010

Signature 橋本 真治
Shinji HASHIMOTO

Date September 3, 2010

Signature 近藤 直幸
Naoyuki KONDOU

Date September 3, 2010