

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
TORAY INDUSTRIES, INC.	04/19/2010
<b>RECEIVING PARTY DATA</b>	
Name:	TORAY INDUSTRIES, INC.
Street Address:	1-1, Nihonbashi-Muromachi 2-chome
City:	Chuo-ku, Tokyo
State/Country:	JAPAN
Postal Code:	103-8666
Name:	PANASONIC CORPORATION
Street Address:	1006, Oaza Kadoma
City:	Kadoma-shi, Osaka
State/Country:	JAPAN
Postal Code:	571-8501
<b>PROPERTY NUMBERS Total: 3</b>	
Property Type	Number
Patent Number:	7090725
Patent Number:	7412088
Patent Number:	7455879
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(202)293-7860
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202.293.7060
Email:	lgilday@sughrue.com
Correspondent Name:	Steven M. Gruskin
Address Line 1:	2100 Pennsylvania Avenue
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037

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**PATENT**  
**REEL: 024300 FRAME: 0133**

ATTORNEY DOCKET NUMBER:	0170-10
NAME OF SUBMITTER:	Steven M. Gruskin
Total Attachments: 1 source=Toray_Panasonic_Half_Interest#page1.tif	

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## Assignment

Whereas, Toray Industries, Inc. of 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666, Japan (formerly 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666, Japan), hereinafter referred to as "Assignor" is the owner of the entire right, title and interest in U. S. Patent No. 7,090,725, No. 7,412,088 and No. 7,455,879; and

Whereas, Panasonic Corporation of 1006, Oaza Kadoma, Kadoma-shi, OSAKA 571-8501, Japan, hereinafter referred to as "Assignee", desires to acquire an undivided one-half interest in the said U.S. Patents;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged, the above named Assignor, hereby sells, assigns and transfers to the above named Assignee, its successors and assigns, an undivided one-half interest in the said U.S. Patent and any reissues or re-examinations thereof, together with an undivided one-half interest in any claims for damages by reason of past infringements of the said U.S. Patents with the right to Assignee to sue for and collect the same for Assignee's own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Toray Industries, Inc.

Date: 19th April, 2010

Chiaki Tanaka

Chiaki Tanaka

Title: Executive Vice President