

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takayuki Ohira</td> <td>05/22/2012</td> </tr> <tr> <td>Shigetoshi Maekawa</td> <td>05/25/2012</td> </tr> <tr> <td>Daisuke Ogata</td> <td>06/07/2012</td> </tr> <tr> <td>Masatoshi Izawa</td> <td>05/29/2012</td> </tr> <tr> <td>Kozo Takahashi</td> <td>05/29/2012</td> </tr> </tbody> </table>	Name	Execution Date	Takayuki Ohira	05/22/2012	Shigetoshi Maekawa	05/25/2012	Daisuke Ogata	06/07/2012	Masatoshi Izawa	05/29/2012	Kozo Takahashi	05/29/2012	
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RECEIVING PARTY DATA													
Name:	Toray Industries, Inc.												
Street Address:	1-1, Nihonbashi-Muromachi 2-chome												
Internal Address:	Chuo-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	103-8666												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13580714												
CORRESPONDENCE DATA													
Fax Number:	2156562498												
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Email:	pto.phil@dlapiper.com												
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Correspondent Name:	IP GROUP OF DLA PIPER LLP (US)												
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NAME OF SUBMITTER:	Leslie J. Hood												
Total Attachments: 1 source=Assignment#page1.tif													

CH \$40.00 13580714

ASSIGNMENT

WHEREAS, we, Takayuki Ohira, Shigetoshi Maekawa, Daisuke Ogata, Masatoshi Izawa and Kozo Takahashi, citizens of Japan, either residing at c/o Mishima Plant, Toray Industries, Inc., 4845, Mishima-shi, Shizuoka 4118652, Japan, or c/o Shiga Plant, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 Japan, (hereinafter referred to as "the undersigned"), having made an invention entitled WHITE FILM AND SURFACE LIGHT SOURCE USING SAME, identified in International Application No. PCT/JP2011/053486, and in US Application No. 13/580,714, (DLA Piper is authorized to insert the Serial No. when known),

WHEREAS, Toray Industries, Inc., with offices located at 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 Japan (hereinafter referred to as "the assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the date(s) set forth below.

May 22, 2012
Date
May 25, 2012
Date
June 17, 2012
Date
May 29, 2012
Date
May 29, 2012
Date

Takayuki Ohira
Takayuki Ohira
Shigetoshi Maekawa
Shigetoshi Maekawa
Daisuke Ogata
Daisuke Ogata
Masatoshi Izawa
Masatoshi Izawa
Kozo Takahashi
Kozo Takahashi

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