

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Satoshi Matsubara</td> <td>07/24/2012</td> </tr> <tr> <td>Hideyuki Umetsu</td> <td>07/24/2012</td> </tr> <tr> <td>Takayuki Hase</td> <td>07/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Satoshi Matsubara	07/24/2012	Hideyuki Umetsu	07/24/2012	Takayuki Hase	07/24/2012				
Name	Execution Date												
Satoshi Matsubara	07/24/2012												
Hideyuki Umetsu	07/24/2012												
Takayuki Hase	07/24/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Toray Industries, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Nihonbashi-Muromachi 2-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Chuo-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>103-8666</td> </tr> </table>		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
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13638052</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13638052								
Property Type	Number												
Application Number:	13638052												
CORRESPONDENCE DATA													
<p>Fax Number: 2156562498 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-656-3381 Email: pto.phil@dlapiper.com Correspondent Name: IP GROUP OF DLA PIPER LLP (US) Address Line 1: ONE LIBERTY PLACE Address Line 2: 1650 MARKET ST, SUITE 4900 Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103</p>													
ATTORNEY DOCKET NUMBER:	MIP-12-1332 (382460-005)												
NAME OF SUBMITTER:	Leslie J. Hood												
Total Attachments: 1 source=Assignment#page1.tif													

CH \$40.00 13638052

ASSIGNMENT

WHEREAS, we, Satoshi MATSUBARA, Hideyuki UMETSU and Takayuki HASE, citizens of Japan, residing at Nagoya-shi, Aichi, Japan, (hereinafter referred to as "the undersigned"), having made an invention entitled LIQUID CRYSTALLINE POLYESTER COMPOSITION AND METAL COMPOSITE MOLDED PRODUCT USING THE SAME, identified in International Application No. PCT/JP2011/006990, and US Application No. 13/638,052, (DLA Piper is authorized to insert the Serial No. when known),

WHEREAS, TORAY INDUSTRIES, INC., with offices at 1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo, 103-8666 Japan (hereinafter referred to as "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, does 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.

July 24, 2012
Date

Satoshi Matsubara
Satoshi MATSUBARA

July 24, 2012
Date

Hideyuki Umetsu
Hideyuki UMETSU

July 24, 2012
Date

Takayuki Hase
Takayuki HASE

Date

Date

Date
