PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masateru Ito	08/31/2010
Izumi Nakagawa	08/31/2010
Koya Kato	09/03/2010
Takashi Mimitsuka	08/31/2010
Kenji Sawai	08/31/2010
Shin-ichi Minegishi	08/31/2010
Hideki Sawai	08/31/2010
Katsushige Yamada	08/31/2010

RECEIVING PARTY DATA

Name:	Toray Industries, Inc.	
Street Address:	1-1, Nihonbashi-Muromachi 2-chome, Chuo-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	103-8666	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12920891

CORRESPONDENCE DATA

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PATENT

REEL: 025011 FRAME: 0855

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ATTORNEY DOCKET NUMBER:	TOR-10-1340
NAME OF SUBMITTER:	Carol Coney
Total Attachments: 1 source=TOR-10-1340#page1.tif	

PATENT REEL: 025011 FRAME: 0856 TOR-10-1340

ASSIGNMENT

WHEREAS, we, Masateru Ito, Izumi Nakagawa, Koya Kato, Takashi Mimitsuka, Kenji Sawai, Shin-ichi Minegishi, Hideki Sawai and Katsushige Yamada, citizens of Japan, residing at c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan; c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan; c/o Nagoya Plant, Toray Industries, Inc., 9-1, Oe-cho, Minato-ku, Nagoya-shi, Aichi 4558502 Japan; c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan; c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Otsu-shi, Shiga 5208558 Japan; c/o Basic Research Laboratories, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Toray Industries, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Inc., 10-1, Tebiro 6-chome, Kamakura-shi, Kanagawa 2488555 Japan and c/o Basic Research Laboratories, Inc., 10-1, T

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.

31 August 20/0 A	lasatera Ito
Masaferu Ito	Date
3 Supportor 20/0	Koya Kato
Koya Kato	Date
31 Aggast 2010 Kenji Sawai	Kenji Sawai
	Date
31 August 2010 Hideki Bawai	Hidele (amai
Hideki Sawai	Date

RECORDED: 09/20/2010

31 August 2010 Izumi Nafagawa Izumi Nakagawa Date

31 August 2010 Takashi Mimisuka
Takashi Mimitsuka Date

31 August 2010 Shin-ichi Minegishi
Shin-ichi Minegishi Date

31 August 2010 Katsuligo binaka
Katsushige Yamada Date

> PATENT REEL: 025011 FRAME: 0857