PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2867153

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHOWA DENKO K. K.	04/17/2014

RECEIVING PARTY DATA

Name:	TOYODA GOSEI CO., LTD.
Street Address:	1, HARUHINAGAHATA
City:	KIYOSU-SHI, AICHI
State/Country:	JAPAN
Postal Code:	452-8564

PROPERTY NUMBERS Total: 5

Property Type	Number
Patent Number:	7652299
Patent Number:	8173461
Patent Number:	8188495
Patent Number:	5886367
Patent Number:	6110757

CORRESPONDENCE DATA

Fax Number: (202)293-7860

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-293-7060

Email: sughrue@sughrue.com, rthomas@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVE. NW

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, DELAWARE 20037-3213

ATTORNEY DOCKET NUMBER:	018914
NAME OF SUBMITTER:	RACHEL THOMAS; TEAMS DEPARTMENT
SIGNATURE:	/rachelthomas/
DATE SIGNED:	05/22/2014

Total Attachments: 2

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PATENT REEL: 032949 FRAME: 0114 source=018914AssignmentExecuted#page2.tif

PATENT REEL: 032949 FRAME: 0115 **Assignment**

Whereas, Showa Denko K. K. of 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518,

Japan, hereinafter referred to as "Assignor", is the owner of the entire right, title and interest in

United States Patents mentioned in the attached schedule; and

Whereas, Toyoda Gosei Co., Ltd. of 1, Haruhinagahata, Kiyosu-shi, Aichi 452-8564,

Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title, and

interest of the Assignor in the said U.S. Patents;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the

above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its

successors and assigns, the entire right, title and interest in the said U.S. Patents, and any

reissues or re-examinations thereof, together with all claims for damages by reason of past

infringement of the said U.S. Patents with the right to Assignee to sue for and collect the same

for their 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.

Showa Denko K. K.

Date: April 17, 2014

By: Teten morikin

Tetsu Moriki

Title: Corporate Fellow,

General Manager

Legal & Intellectual Property Department

PATENT REEL: 032949 FRAME: 0116

<Schedule of Patents>

Patent No. 7652299 8173461
8173461
0400405
8188495
5886367
6110757

PATENT REEL: 032949 FRAME: 0117

RECORDED: 05/22/2014