

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3890673

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME FROM TOKUSEN KOGYCO., LTD. TO TOKUSEN KOGYO CO., LTD. previously recorded on Reel 038704 Frame 0791. Assignor(s) hereby confirms the ASSIGNEE NAME IS TOKUSEN KOGYO CO., LTD.

## CONVEYING PARTY DATA

Name	Execution Date
KIYOKAZU NAKAJIMA	04/18/2016
HIROYUKI YAMASHITA	04/05/2016

## RECEIVING PARTY DATA

<b>Name:</b>	TOKUSEN KOGYO CO., LTD.
<b>Street Address:</b>	1081, MINAMIYAMA
<b>Internal Address:</b>	SUMIYOSHI-CHO, ONO-SHI
<b>City:</b>	HYOGO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	565-0871
<b>Name:</b>	OSAKA UNIVERSITY
<b>Street Address:</b>	1-1, YAMADAOKA, SUITA-SHI
<b>City:</b>	OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	565-0871

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15038882

## CORRESPONDENCE DATA

**Fax Number:** (312)474-0448

*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:** 312-474-6300

**Email:** vrodriguez@marshallip.com, docket@marshallip.com

**Correspondent Name:** MARSHALL GERSTEIN & BORUN LLP

**Address Line 1:** 233 SOUTH WACKER DRIVE

**Address Line 2:** SUITE 6300

**Address Line 4:** CHICAGO, ILLINOIS 60606

<b>ATTORNEY DOCKET NUMBER:</b>	32421/50429
<b>NAME OF SUBMITTER:</b>	VALERIA C. RODRIGUEZ
<b>SIGNATURE:</b>	/VALERIA C. RODRIGUEZ/
<b>DATE SIGNED:</b>	05/26/2016
<b>Total Attachments: 7</b> source=Corrected Notice of Recordation#page1.tif source=Corrected Notice of Recordation#page2.tif source=Corrected Notice of Recordation#page3.tif source=Corrected Notice of Recordation#page4.tif source=Corrected Notice of Recordation#page5.tif source=Corrected Notice of Recordation#page6.tif source=Corrected Notice of Recordation#page7.tif	

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
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<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>KIYOKAZU NAKAJIMA</td><td>04/18/2016</td></tr><tr><td>HIROYUKI YAMASHITA</td><td>04/05/2016</td></tr></tbody></table>	Name	Execution Date	KIYOKAZU NAKAJIMA	04/18/2016	HIROYUKI YAMASHITA	04/05/2016							
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<b>Phone:</b>	312-474-6300												
<b>Email:</b>	vrodriquez@marshallip.com, docket@marshallip.com												
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**PATENT****REEL: 038822 FRAME: 0119**

<b>ATTORNEY DOCKET NUMBER:</b>	32421/50429
<b>NAME OF SUBMITTER:</b>	VALERIA C. RODRIGUEZ
<b>Signature:</b>	/VALERIA C. RODRIGUEZ/
<b>Date:</b>	05/24/2016
<b>Total Attachments: 3</b> source=50429 Executed Assignment#page1.tif source=50429 Executed Assignment#page2.tif source=50429 Executed Assignment#page3.tif	
<b>RECEIPT INFORMATION</b>  <b>EPAS ID:</b> PAT3887073 <b>Receipt Date:</b> 05/24/2016	

PATENT

REEL: 038822 FRAME: 0120

**ASSIGNMENT**

Application No.: U.S. National Phase of PCT/JP2014/059262

Filed: March 28, 2014

Title: RETRACTOR

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned agrees to assign and hereby assigns a 50% interest to *TOKUSEN KOGYO CO., LTD.*, 1081, Minamiyama, Sumiyoshi-cho, Ono-shi, Hyogo 675-1361 Japan and an 50% interest to *Osaka University*, 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 Japan and their respective successors and assigns (herein collectively referred to as "Assignees") of the entire rights, title, and interests in and to the above-identified U.S. patent application and to the inventions of such undersigned that are disclosed in the above-identified U.S. patent application. Also assigned are (i) all rights in any and all patents that may be obtained on said application, and (ii) all rights in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions thereof. The rights assigned include without limitation, the right to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement of any of the foregoing, and the right of priority (including without limitation the right to claim priority benefit of or to said patent applications.) The undersigned request the Commissioner for Patents in the United States to issue said patents to and in the name of Assignees.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignees, each of the undersigned warrants that: (i) he or she is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignees without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned.

Upon the request of Assignees and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions (including without limitation applications or requests for the reissue, reexamination, or extension of the patent or for a supplementary protection certificate and any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with Assignees and perform any and all affirmative acts requested by Assignees to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignees the rights, title, and interests assigned herein. These acts include, without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

**PATENT**

**REEL: 038822 FRAME: 0121**

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

Date: April 18, 2016

  
Kiyokazu NAKAJIMA

\_\_\_\_\_  
Witness

Date: 4/5/2016

山下 博之  
Hiroyuki YAMASHITA

\_\_\_\_\_  
Witness