

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>Aya ITO</td> <td>08/22/2012</td> </tr> <tr> <td>Masato DOURA</td> <td>08/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Aya ITO	08/22/2012	Masato DOURA	08/22/2012
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Aya ITO	08/22/2012						
Masato DOURA	08/22/2012						
RECEIVING PARTY DATA							
Name:	TOYO Tire & Rubber Co., Ltd.						
Street Address:	17-18, Edobori 1-chome, Nishi-ku						
City:	Osaka-shi, Osaka						
State/Country:	JAPAN						
Postal Code:	550-8661						
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>13635883</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13635883		
Property Type	Number						
Application Number:	13635883						
CORRESPONDENCE DATA							
Fax Number:	7037607777						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	427972003500						
NAME OF SUBMITTER:	Takamitsu Fujiu						
Total Attachments: 3 source=13635883#page1.tif source=13635883#page2.tif source=13635883#page3.tif							

CH \$40.00 13635883

MORRISON & FOERSTER LLP

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

TOYO TIRE & RUBBER CO., LTD., a Japanese corporation with its principal place of business at 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8661 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

POLISHING PAD AND PRODUCTION METHOD THEREFOR, AND PRODUCTION METHOD FOR SEMICONDUCTOR DEVICE

Attorney Docket No. : 427972003500

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 13/635,883

Filing Date: March 22, 2011

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of

interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Morrison & Foerster LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document.

IN WITNESS WHEREBY, executed by the undersigned on the date(s)
opposite the undersigned name(s).

August 22, 2012
Date

Aya ITO
Typed Name: **Aya ITO**

August 22, 2012
Date

Masato DOURA
Typed Name: **Masato DOURA**

This assignment may be signed before a U.S. Notary Public or before at
least two witnesses who also sign here:

August 22, 2012
Date:

Toshihiko Taniguchi
Typed Name: **Toshihiko TANIGUCHI**

August 22, 2012
Date:

Atsushi Yamashita
Typed Name: **Atsushi YAMASHITA**