502493449 09/12/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIDGESTONE CORPORATION	08/08/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 2

Property Type	Number		
Application Number:	11661195		
Application Number:	13377328		

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NAME OF SUBMITTER:	Amy Gray, Secretary
Signature:	/Amy Gray/
Date:	09/12/2013

Total Attachments: 2

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PATENT REEL: 031194 FRAME: 0959

Assignment

Whereas, BRIDGESTONE CORPORATION (assignor), is the owner of the entire right, title and interest in the pending patent applications shown in the attached Appendix, and in the inventions disclosed therein, by virtue of Assignments duly recorded in the U.S. Patent and Trademark Office; and

Whereas.

SHOWA DENKO K.K. 13-9, SHIBA DAIMON 1-CHOME, MINATO-KU, TOKYO 105-8518 JAPAN,

desires to acquire the entire right, title, and interest in the pending patent applications, and to any United States patents to be obtained therefore, and the inventions disclosed therein for the United States, and including any continuations, divisionals, reissues, reexaminations and extensions thereof;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged, BRIDGESTONE CORPORATION (assignor), hereby sells, assigns and transfers to the above named assignee, its successors and assigns, its entire right, title, and interest in the pending patent applications, and to any United States patents to be obtained therefore, and the inventions disclosed therein for the United States, and including any continuations, divisionals, reissues, reexaminations and extensions thereof.

BRIDGESTONE CORPORATION

(signature)

Print name: Masaaki Tsuya

Title: CEO and Representative Board Member, Bridgestone Corporation

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

APPENDIX

N & N Ref.	Sughrue Ref.	SDK Ref.	BS Ref.	Application No.	Publication No.
JBS-053-PCT-US	Q100198	2005P01133US01	2005P01133US0	11/661, 195	2008/0213536
JBS-145-PCT-US	Q128104	2010P00147US01	2010P00147US0	13/377, 328	2012/0132139

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 031194 FRAME: 0961

RECORDED: 09/12/2013