

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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YOSHIHIRO WATANABE	11/10/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14428425
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SIGNATURE:	/Satoko Kajima/
DATE SIGNED:	03/16/2015
Total Attachments: 1	
source=Q218236ExecutedAssignment#page1.tif	

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

SHOWA DENKO K.K.

13-9, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8518, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

1, 3-BUTADIENE-SEPARATING MATERIAL, AND SEPARATION METHOD USING SAID
SEPARATING MATERIAL

relating to International Patent Application PCT/JP 2013 / 074537 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____;
(b) filed on March 16, 2015
Serial No. 14/428,425

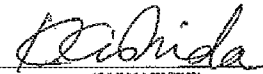
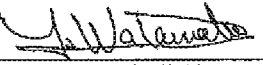
Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) 	Keisuke Kishida	November 10, 2014
(SIGNATURE)	(TYPE NAME)	(DATE)
2) 	Yoshihiro Watanabe	November 10, 2014
(SIGNATURE)	(TYPE NAME)	(DATE)
3) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
4) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
5) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
6) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
7) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
8) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT

RECORDED: 03/16/2015

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